1 agggagaggc agtgaccatg aaggctgtgc tgcttgcctt gttgatggca

51 ggcttggccc tgcagccagg cactgccctg ctgtgctact cctgcaaagc

101 ccaggtgagc aacgaggact gcctgcaggt ggagaactgc acccagctgg

151 gggagcagtg ctggaccgcg cgcatccgcg cagttggcct cctgaccgtc

201 atcagcaaag gctgcagctt gaactgcgtg gatgactcac aggactacta

251 cgtgggcaag aagaacatca cgtgctgtga caccgacttg tgcaacgcca

301 gcggggccca tgccctgcag ccggctgccg ccatccttgc gctgctccct

351 gcactcggcc tgctgctctg gggacccggc cagctatagg ctctgggggg

401 ccccgctgca gcccacactg ggtgtggtgc cccaggcctt tgtgccactc

451 ctcacagaac ctggcccagt gggagcctgt cctggttcct gaggcacatc

501 ctaacgcaag tttgaccatg tatgtttgca cccctttcc ccnaaccctg

551 accttcccat gggcctttc caggattccn accnggcaga tcagttttag

601 tganacanat ccgcntgcag atggcccctc caaccnttth tgttgntgtt

651 tccatggccc agcatttcc acccttaacc ctgtgttcag gcactttttc

701 ccccaggaag ccttccctgc ccaccccatt tatgaattga gccaggtttg

751 gtccgtggtg tccccccgcac ccagcagggg acaggcaatc aggaggggcc

801 agtaaaggct gagatgaagt ggactgagta gaactggagg acaagagttg

851 acgtgagttc ctgggagttt ccagagattgg ggcctggagg cctggaggaa

901 ggggccaggc ctcacattg tggggttccc gaatggcagc ctgagcacag

951 cgtaggcccc taataaacac ctgttggata agccaaaaaa aaaaaaaa

FIGURE 1A

MKAVLLALLMAGLALQPGTALLCYSCKAQVSNEDCLQV
ENCTQLGEQCWTARIRAVGLLTVISKGCSLNCVDDS
QDYYVGKKNITCCDTDLCNASGAHALQPAAAILALLPAL
GLLLWGPGQL

FIGURE 1B

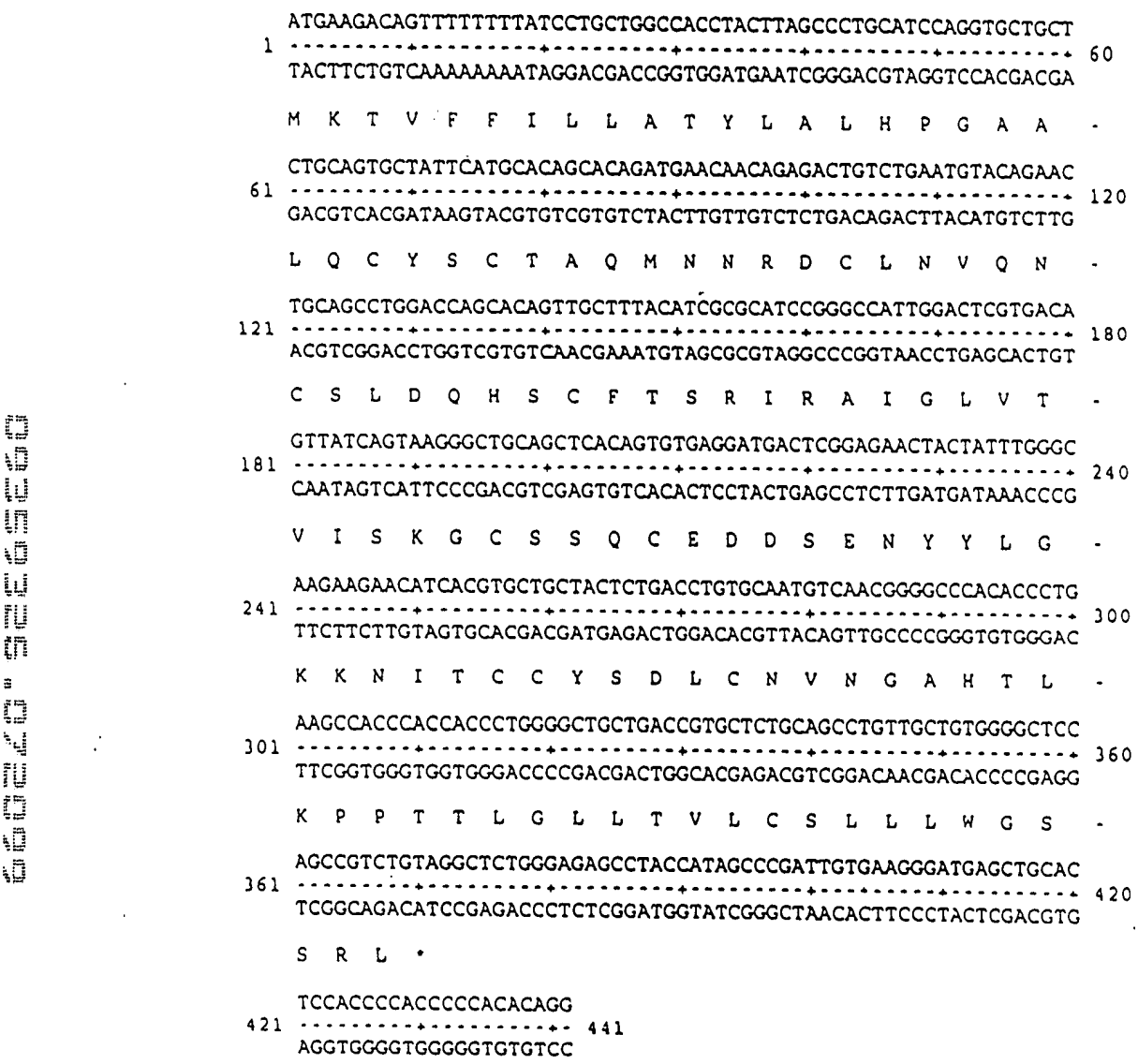

ATGAAGACAGTTTTTTTTATCCTGCTGGCCACCTACTTAGCCCTGCATCCAGGTGCTGCT
1
60
TACTTCTGTCAAAAAAAATAGGACGACCGGTGGATGAATCGGGACGTAGGTCCACGACGA
M K T V F F I L L A T Y L A L H P G A A -
CTGCAGTGCTATTCATGCACAGCACAGATGAACAACAGAGACTGTCTGAATGTACAGAAC
61
120
GACGTCACGATAAGTACGTGTCGTGTCTACTTGTTGTCTCTGACAGACTTACATGTCTTG
L Q C Y S C T A Q M N N R D C L N V Q N -
TGCAGCCTGGACCAGCACAGTTGCTTTACATCGCGCATCCGGGCCATTGGACTCGTGACA
121
180
ACGTCGGACCTGGTCGTGTCAACGAAATGTAGCGCGTAGGCCCGGTAACCTGAGCACTGT
C S L D Q H S C F T S R I R A I G L V T -
GTTATCAGTAAGGGCTGCAGCTCACAGTGTGAGGATGACTCGGAGAACTACTATTTGGGC
181
240
CAATAGTCATTCCCGACGTCGAGTGTCACACTCCTACTGAGCCTCTTGATGATAAACCCG
V I S K G C S S Q C E D D S E N Y Y L G -
AAGAAGAACATCACGTGCTGCTACTCTGACCTGTGCAATGTCAACGGGGCCCACACCCTG
241
300
TTCTTCTTGTAGTGCACGACGATGAGACTGGACACGTTACAGTTGCCCCGGGTGTGGGAC
K K N I T C C Y S D L C N V N G A H T L -
AAGCCACCCACCACCCTGGGGCTGCTGACCGTGCTCTGCAGCCTGTTGCTGTGGGGCTCC
301
360
TTCGGTGGGTGGTGGGACCCCGACGACTGGCACGAGACGTCGGACAACGACACCCCGAGG
K P P T T L G L L T V L C S L L L W G S -
AGCCGTCTGTAGGCTCTGGGAGAGCCTACCATAGCCCGATTGTGAAGGGATGAGCTGCAC
361
420
TCGGCAGACATCCGAGACCCTCTCGGATGGTATCGGGCTAACACTTCCCTACTCGACGTG
S R L •
TCCACCCCACCCCCACACAGG
421
441
AGGTGGGGTGGGGGTGTGTCC

FIGURE 2

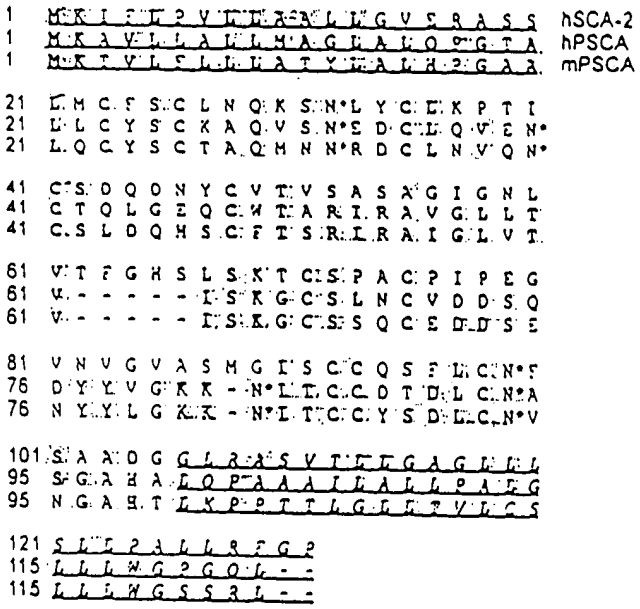


FIGURE 3

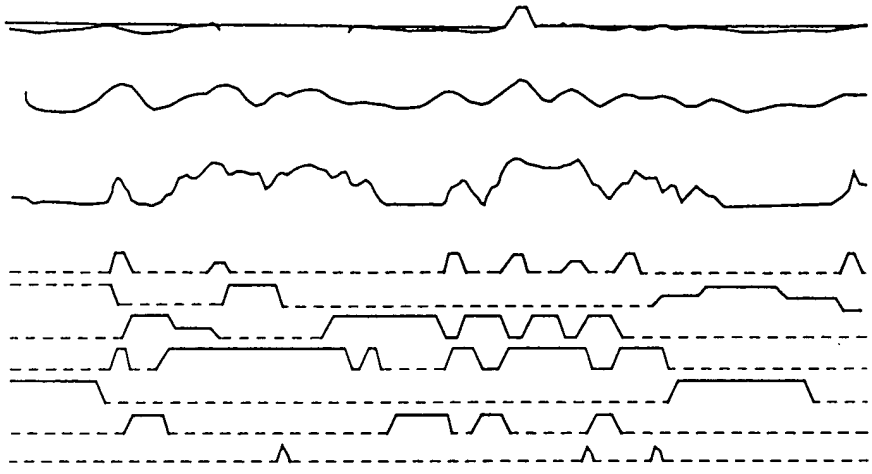


FIGURE 4

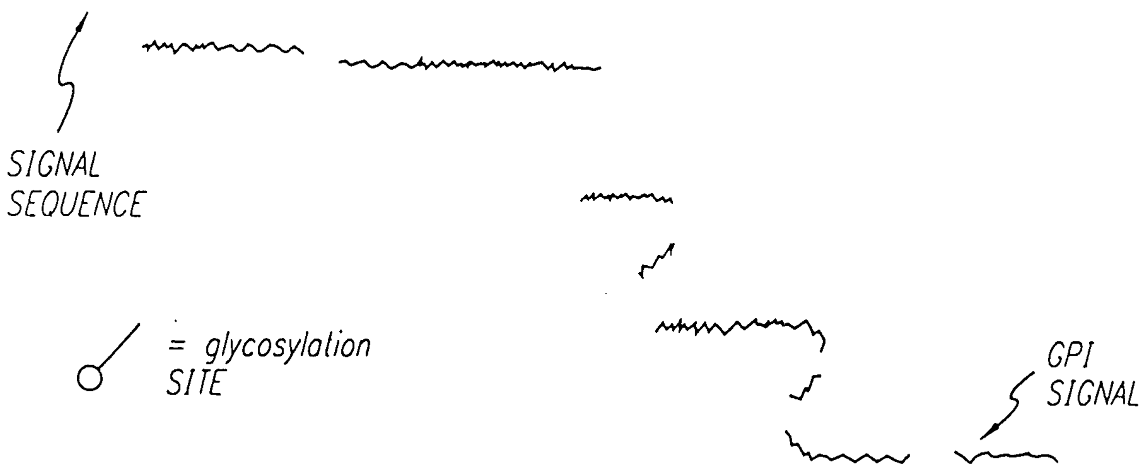


FIGURE 5

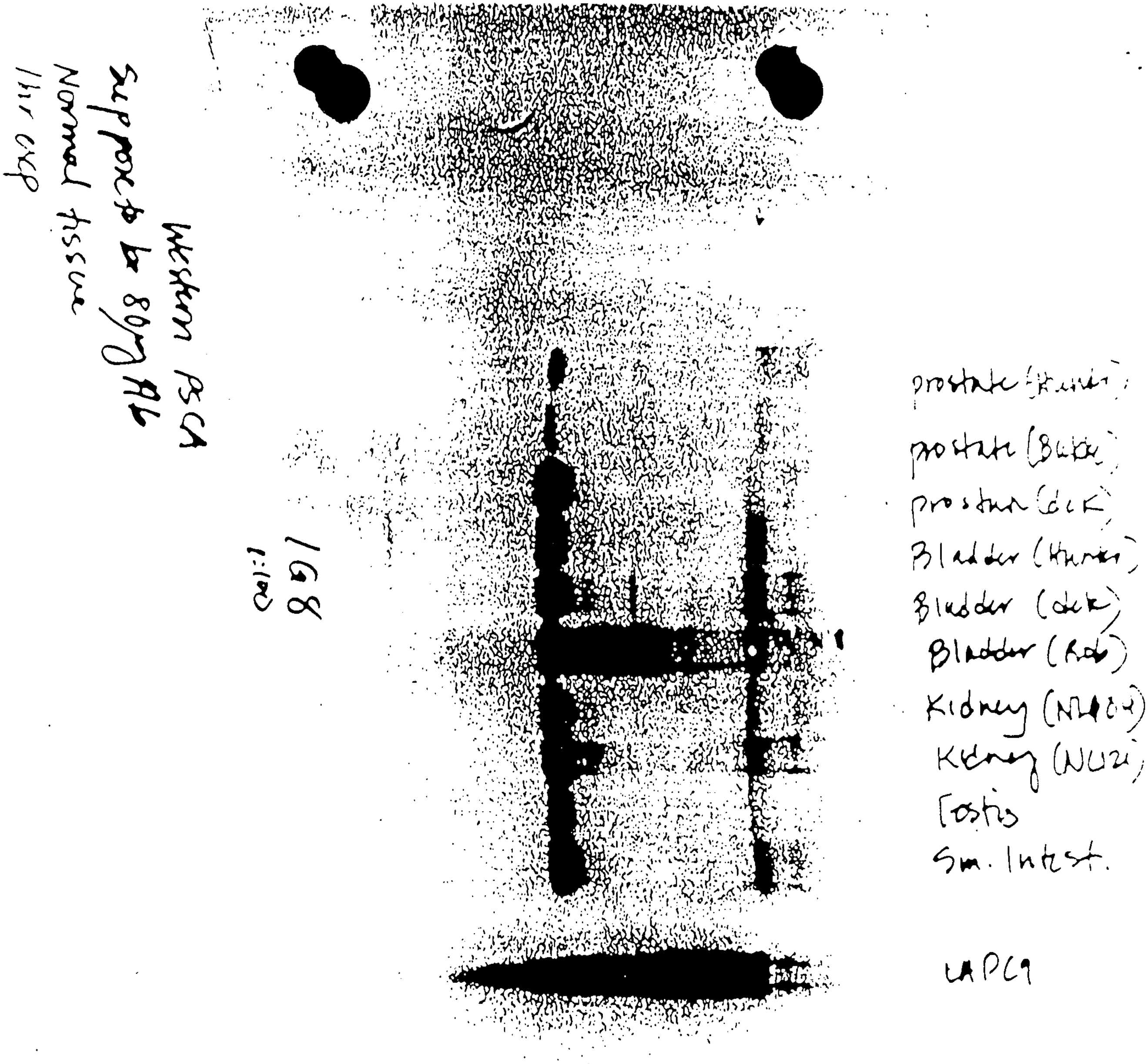


FIGURE 6

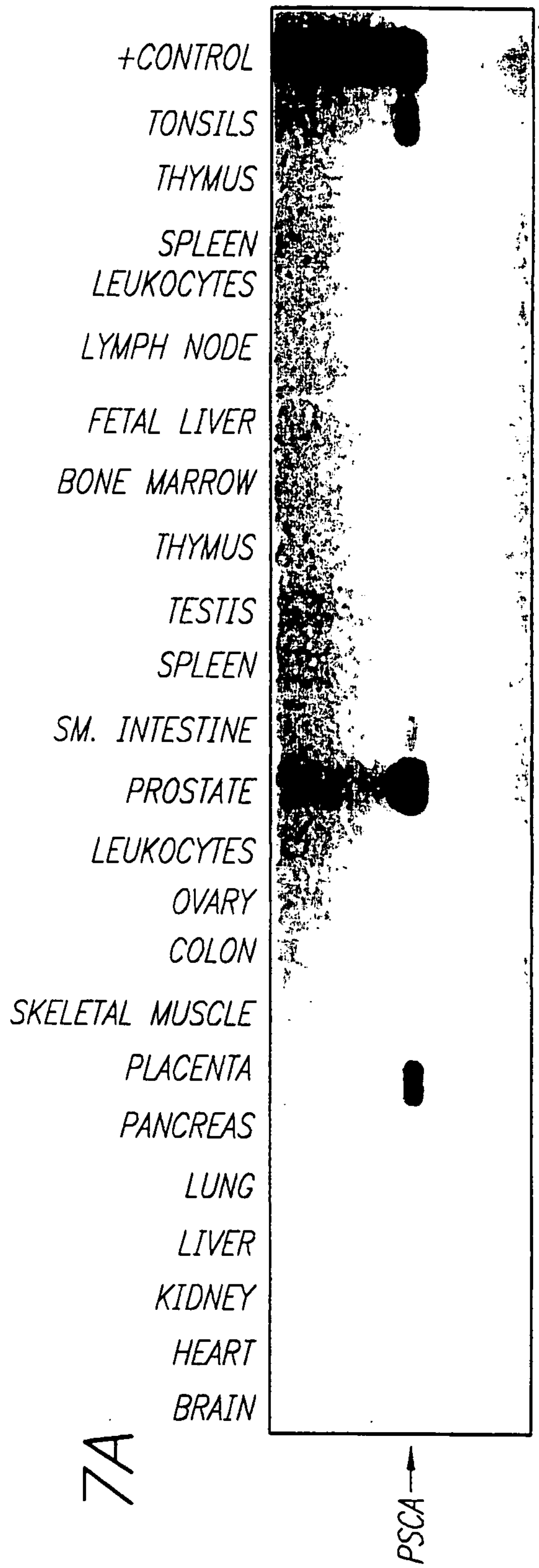

+CONTROL
TONSILS
THYMUS
SPLEEN
LEUKOCYTES
LYMPH NODE
FETAL LIVER
BONE MARROW
THYMUS
TESTIS
SPLEEN
SM. INTESTINE
PROSTATE
LEUKOCYTES
OVARY
COLON
SKELETAL MUSCLE
PLACENTA
PANCREAS
LUNG
LIVER
KIDNEY
HEART
BRAIN
PSCA

FIG. 7A

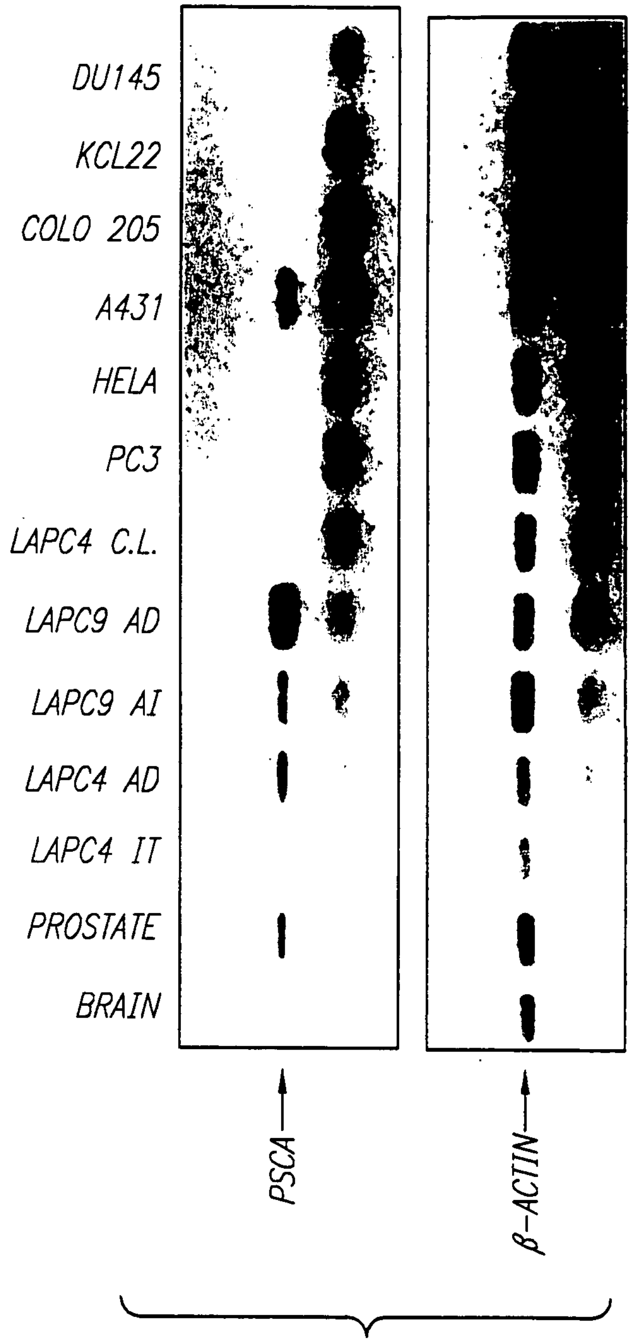

DU145
KCL22
COLO 205
A431
HELA
PC3
LAPC4 C.L.
LAPC9 AD
LAPC9 AI
LAPC4 AD
LAPC4 IT
PROSTATE
BRAIN
PSCA
β-ACTIN

FIG. 7B

legend: untranslated region of PSCA

translated region of PSCA

Ly-6/thy-1

FIG. 8A

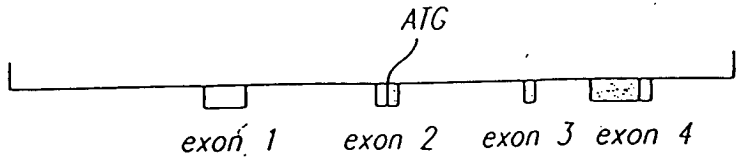


FIG. 8B

FIGURE 8

murine PSCA

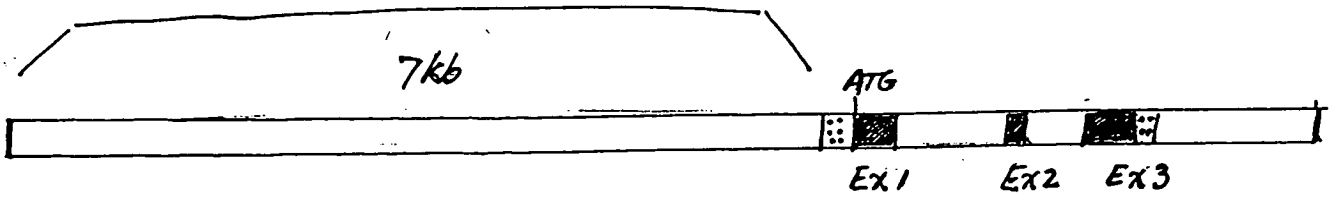
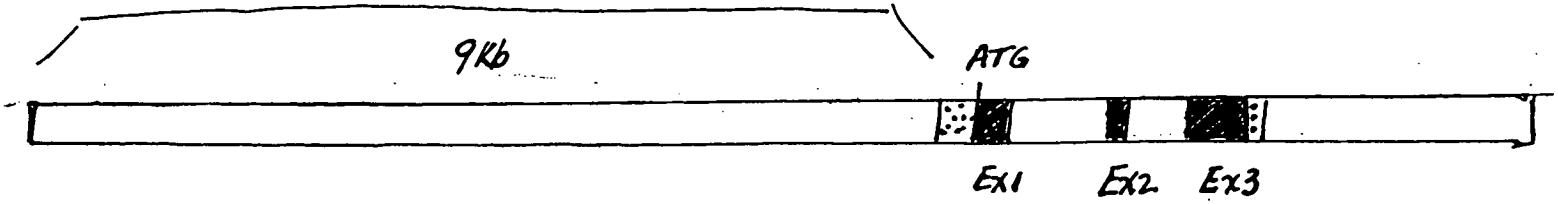


FIG. 8C

human PSCA



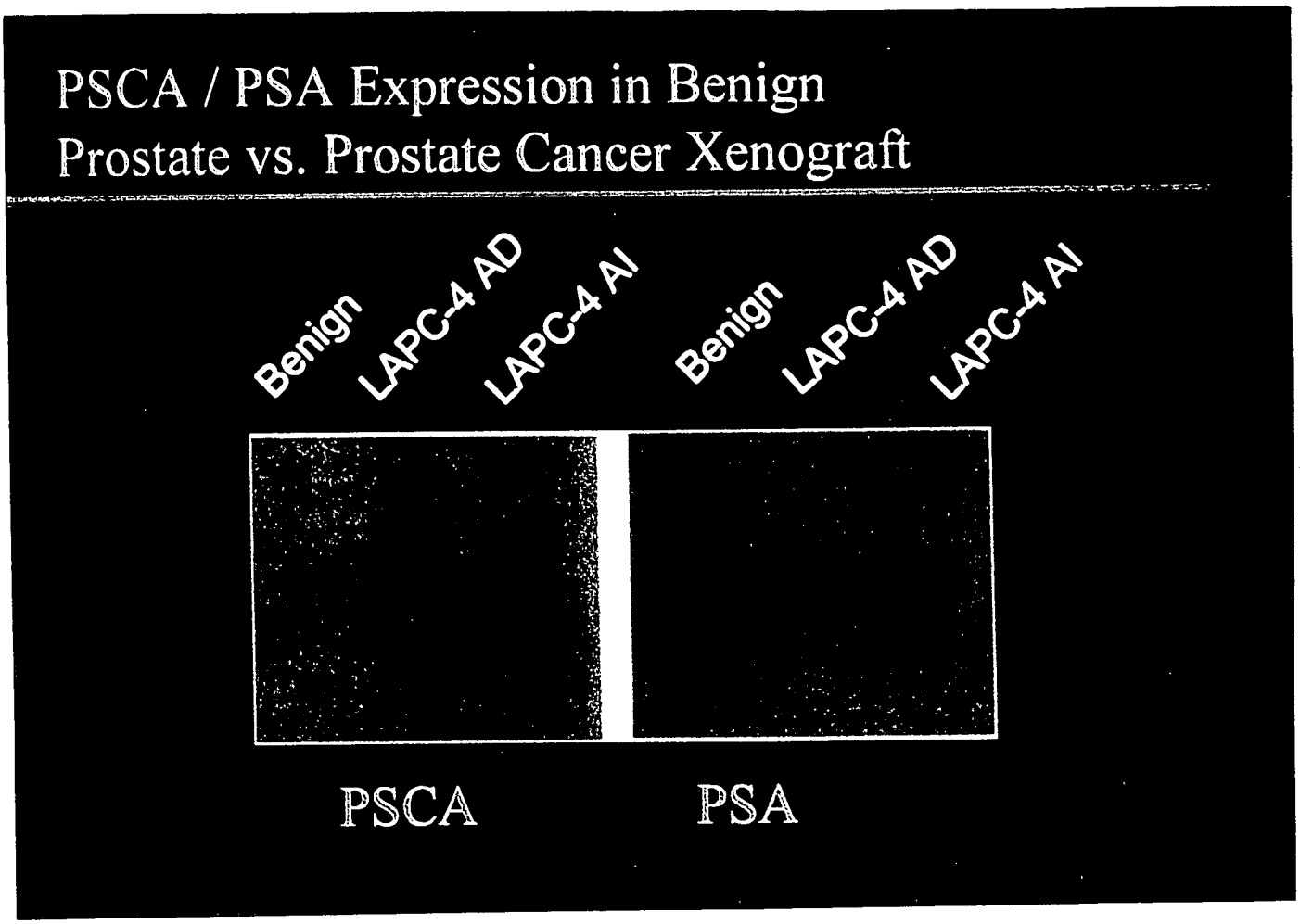

PSCA / PSA Expression in Benign Prostate vs. Prostate Cancer Xenograft
Benign
LAPC-4 AD
LAPC-4 AI
Benign
LAPC-4 AD
LAPC-4 AI
PSCA
PSA

FIGURE 9A

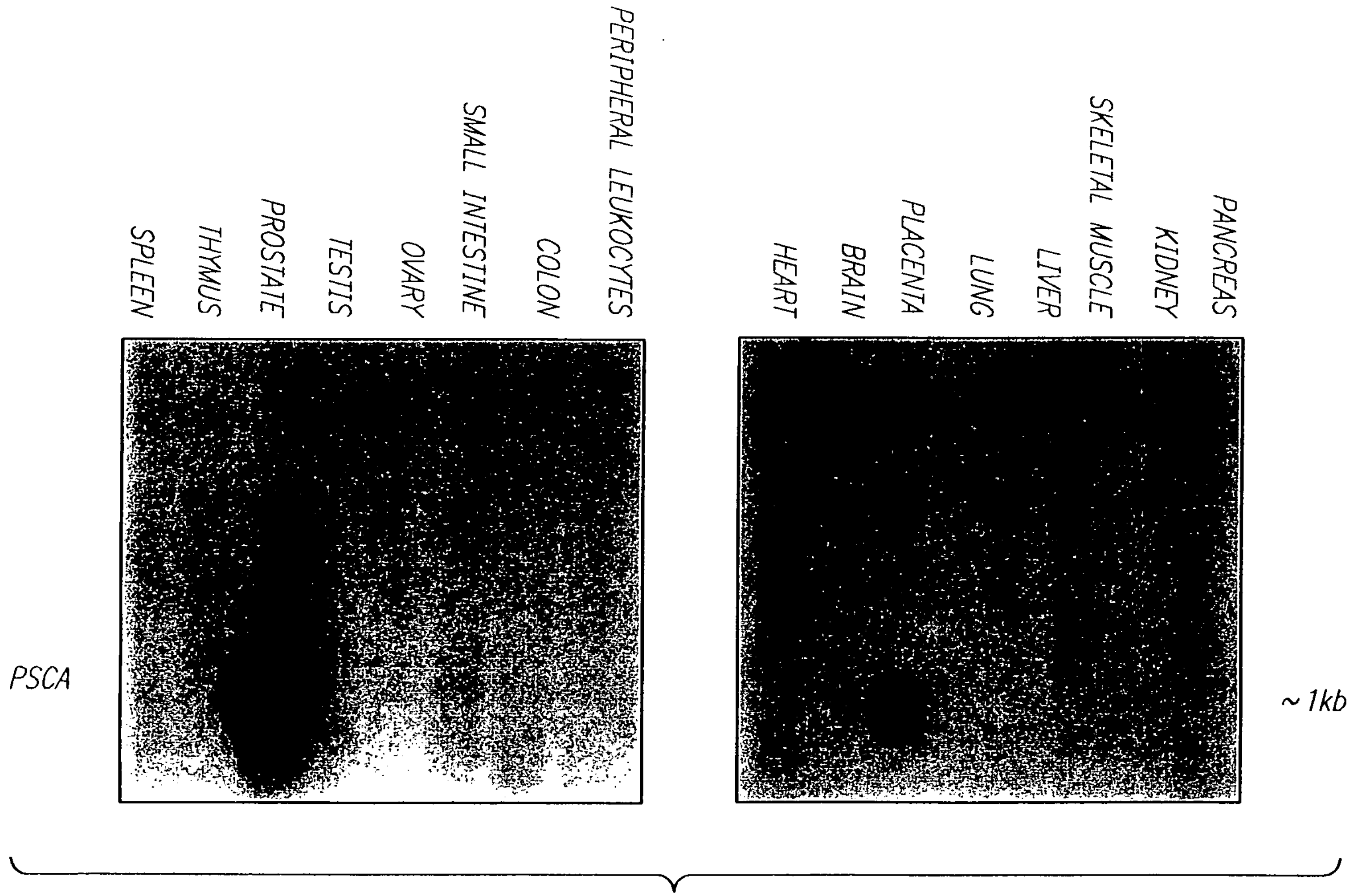


FIG. 9B

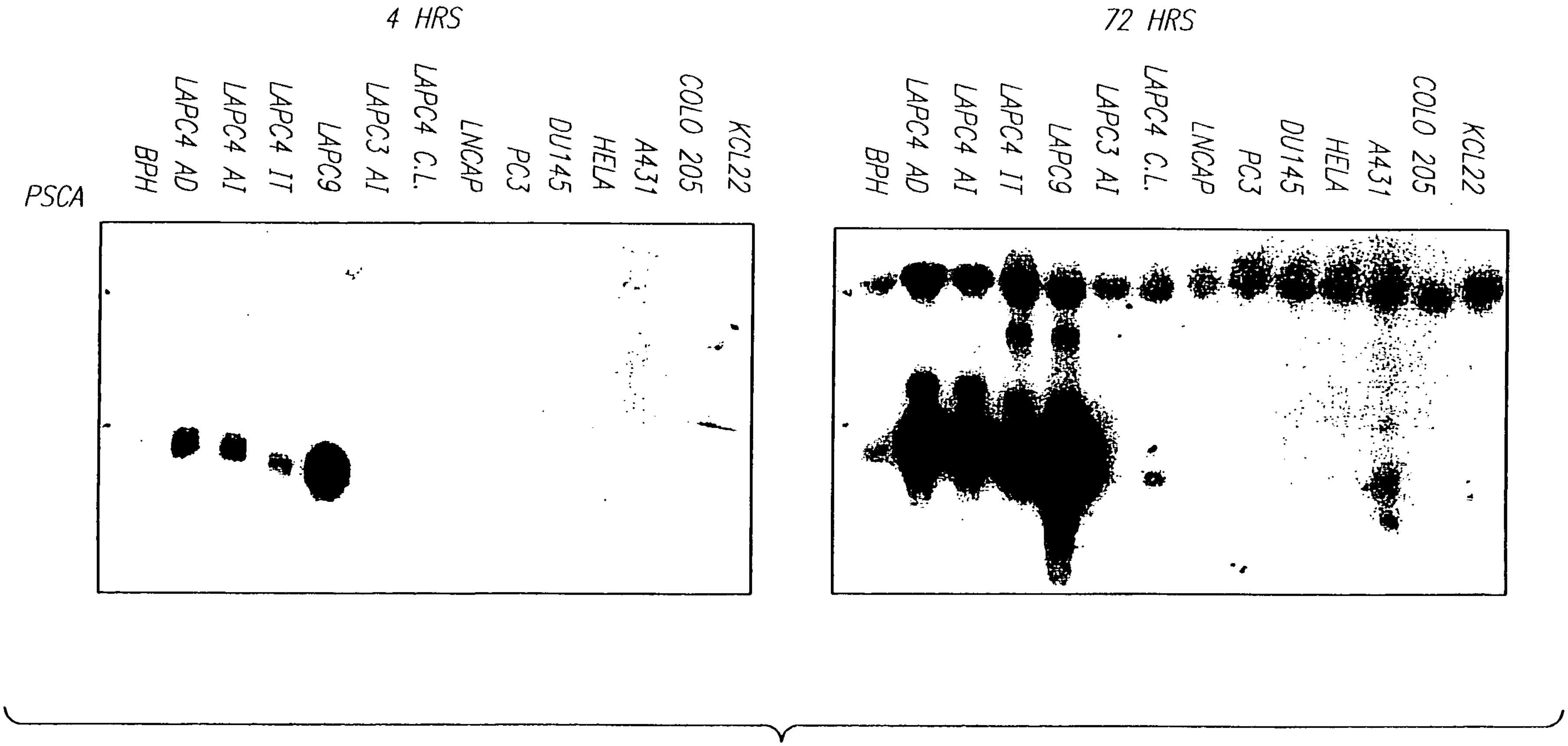

4 HRS
72 HRS
PSCA
BPH
LAPC4 AD
LAPC4 AI
LAPC4 IT
LAPC9
LAPC3 AI
LAPC4 C.L.
LNCAP
PC3
DU145
HELA
A431
COLO 205
KCL22

FIG. 10—1

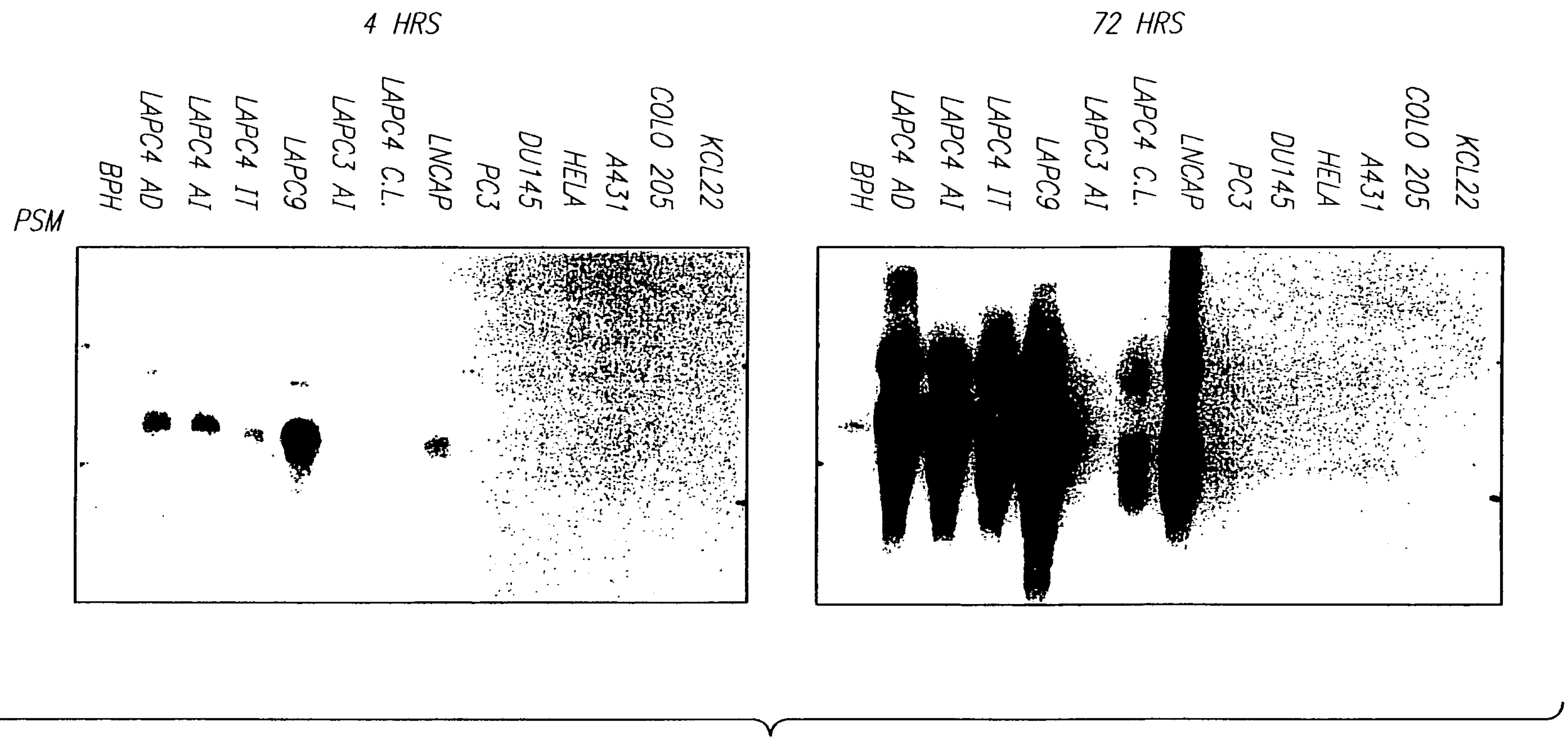

4 HRS
72 HRS
PSM
BPH
LAPC4 AD
LAPC4 AI
LAPC4 IT
LAPC9
LAPC3 AI
LAPC4 C.L.
LNCAP
PC3
DU145
HELA
A431
COLO 205
KCL22

FIG. 10–2

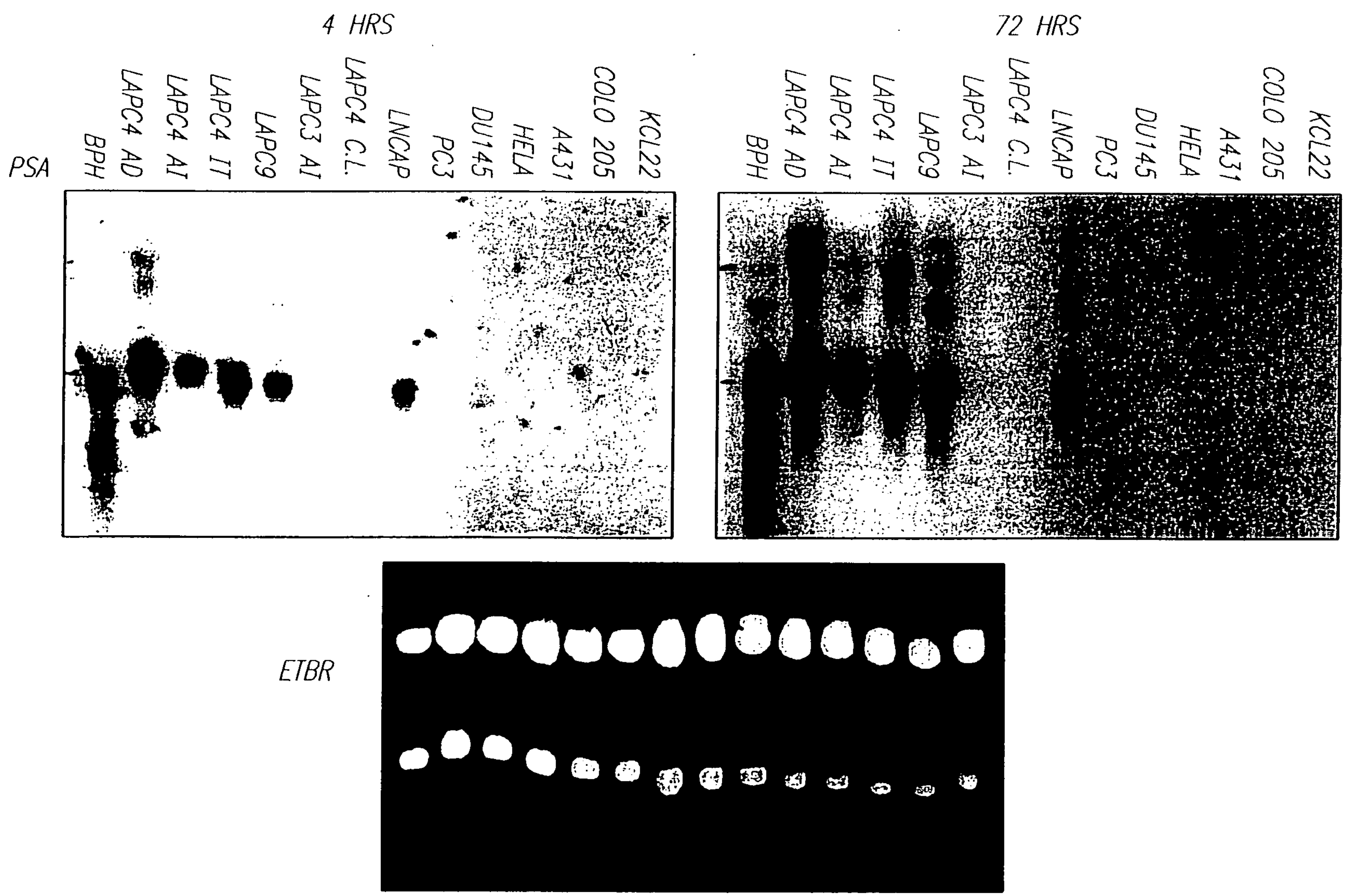

4 HRS
72 HRS
PSA
BPH
LAPC4 AD
LAPC4 AI
LAPC4 IT
LAPC9
LAPC3 AI
LAPC4 C.L.
LNCAP
PC3
DU145
HELA
A431
COLO 205
KCL22
BPH
LAPC4 AD
LAPC4 AI
LAPC4 IT
LAPC9
LAPC3 AI
LAPC4 C.L.
LNCAP
PC3
DU145
HELA
A431
COLO 205
KCL22
ETBR

FIG. 10-3

FIG. 11A

FIG. 11B

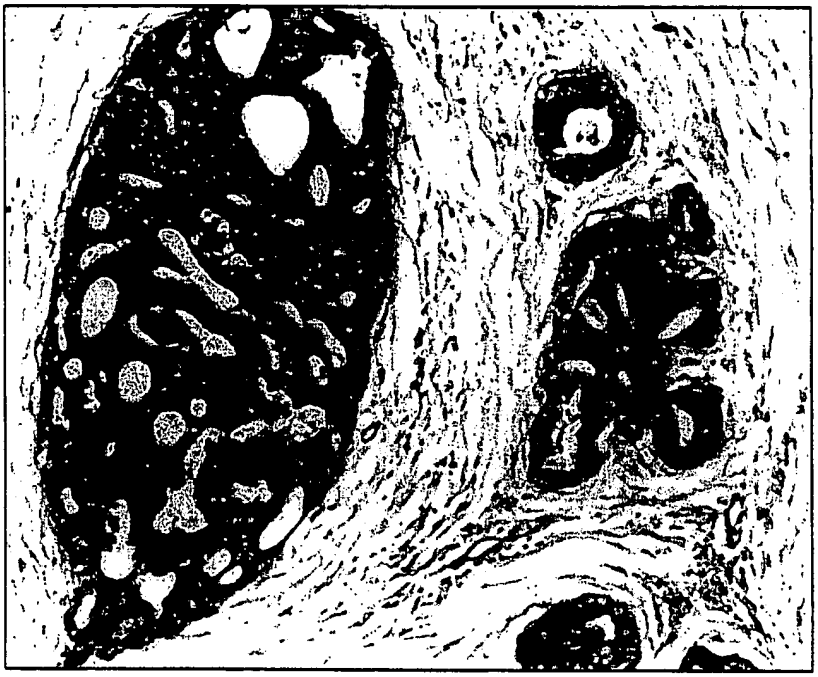
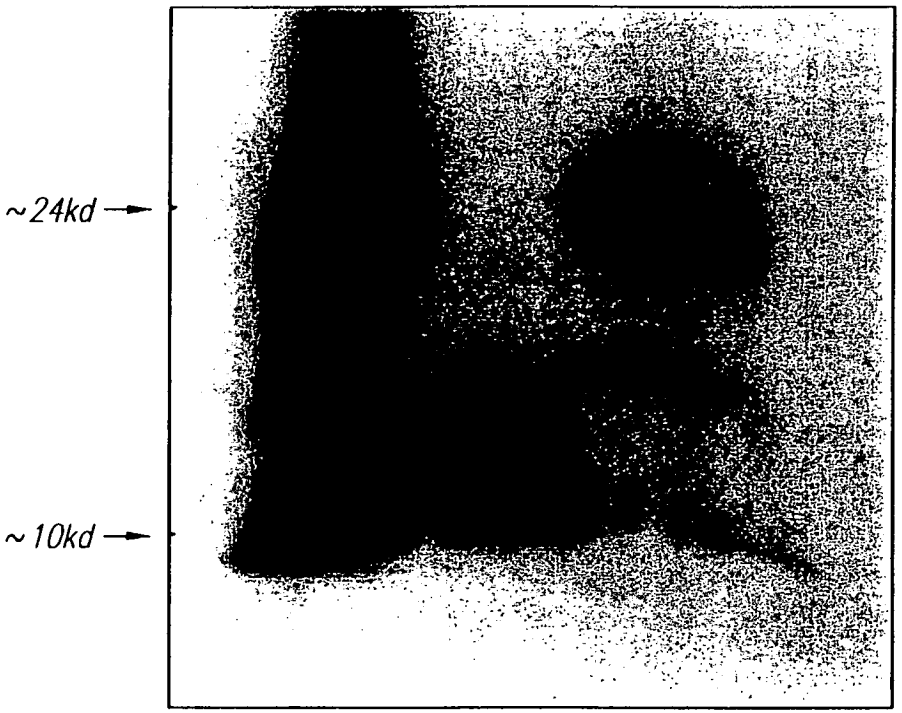


FIG. 11C

FIG. 12A



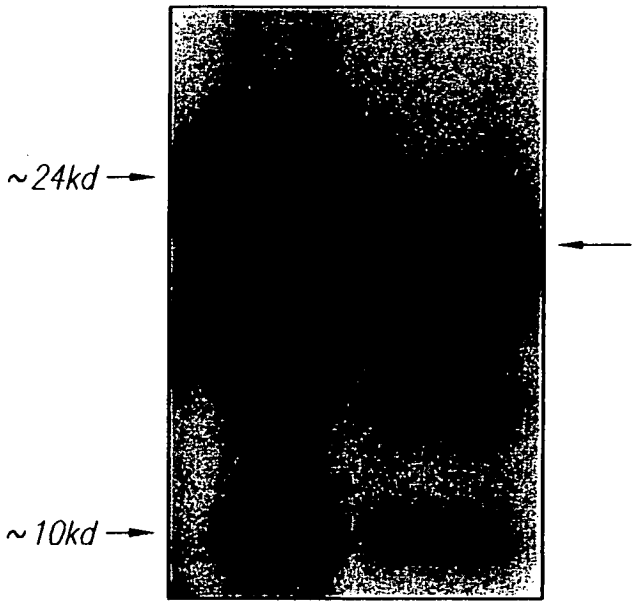


FIG. 12B

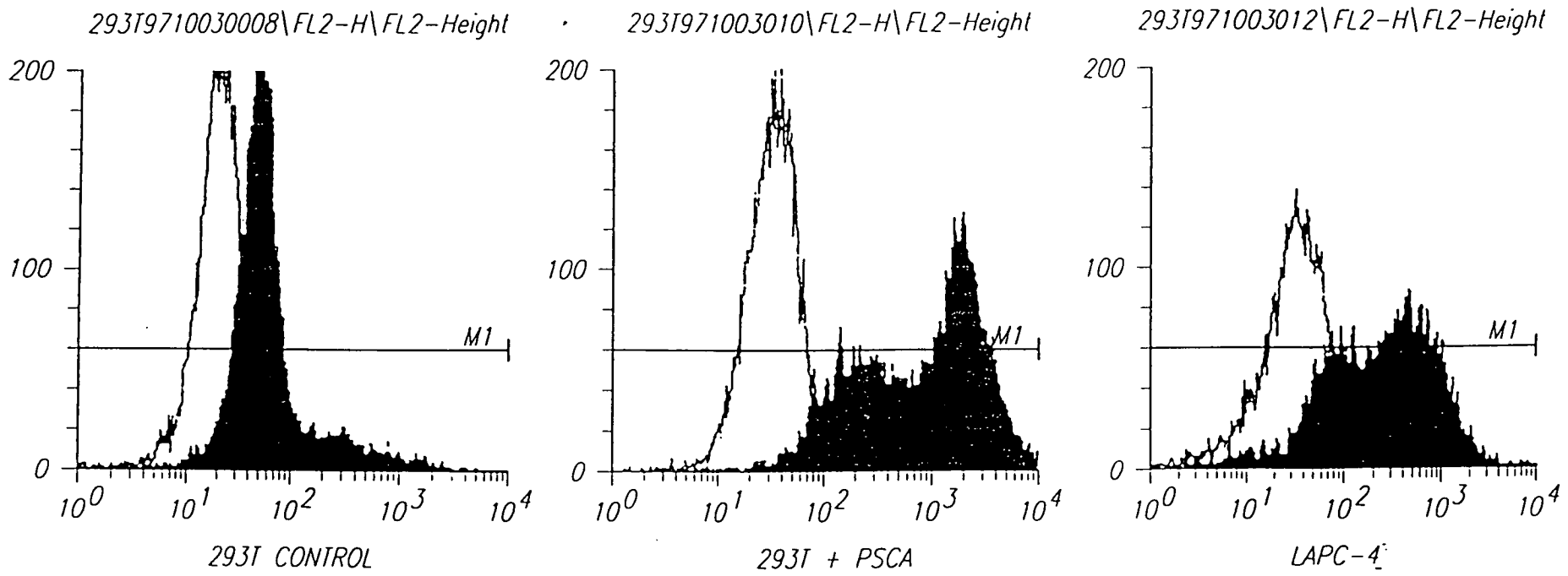

293T9710030008\FL2-H\FL2-Height
200
100
0
M1
10^0 10^1 10^2 10^3 10^4
293T CONTROL
293T971003010\FL2-H\FL2-Height
200
100
0
M1
10^0 10^1 10^2 10^3 10^4
293T + PSCA
293T971003012\FL2-H\FL2-Height
200
100
0
M1
10^0 10^1 10^2 10^3 10^4
LAPC-4

FIGURE 12C

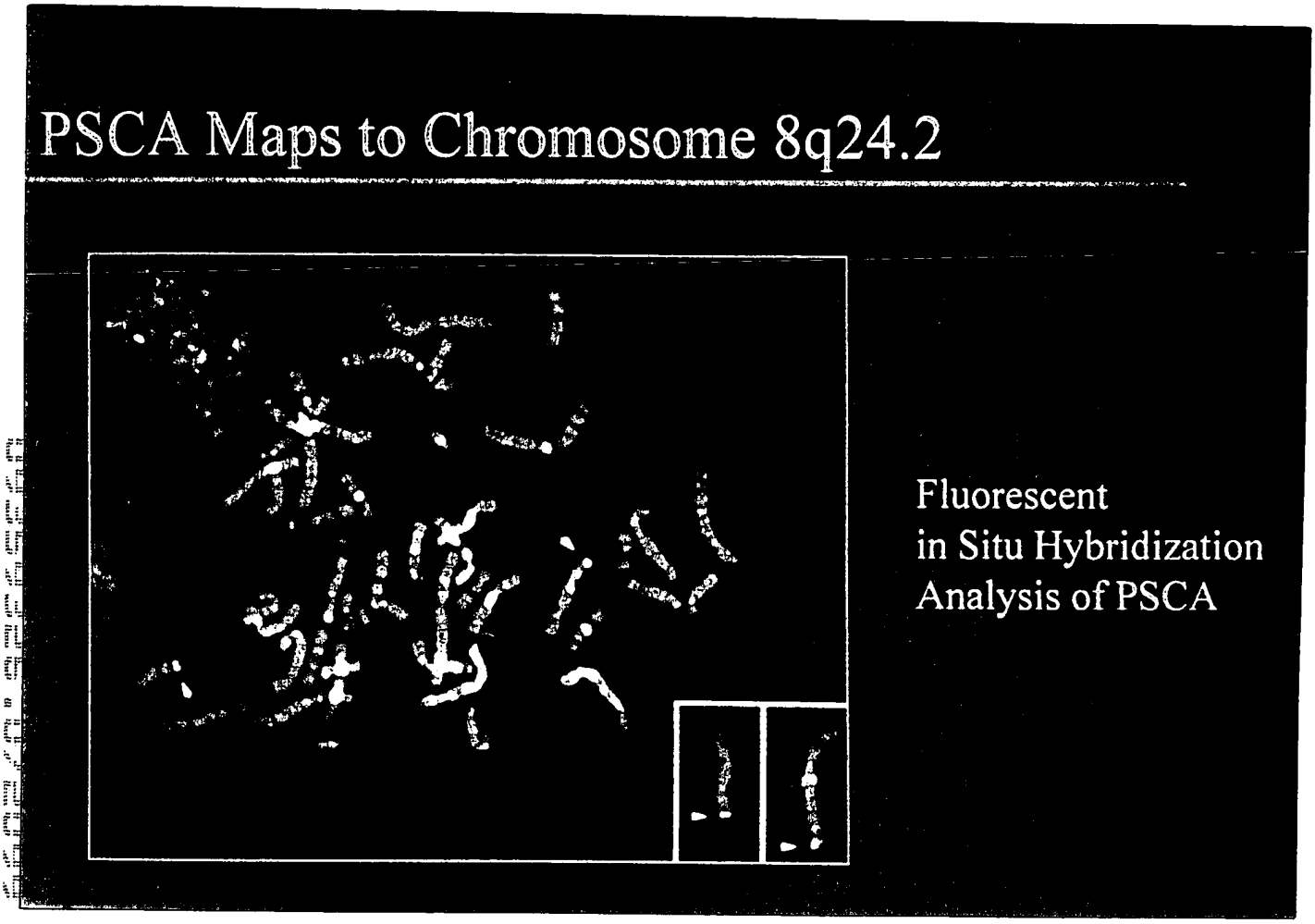

PSCA Maps to Chromosome 8q24.2
Fluorescent
in Situ Hybridization
Analysis of PSCA

FIGURE 13

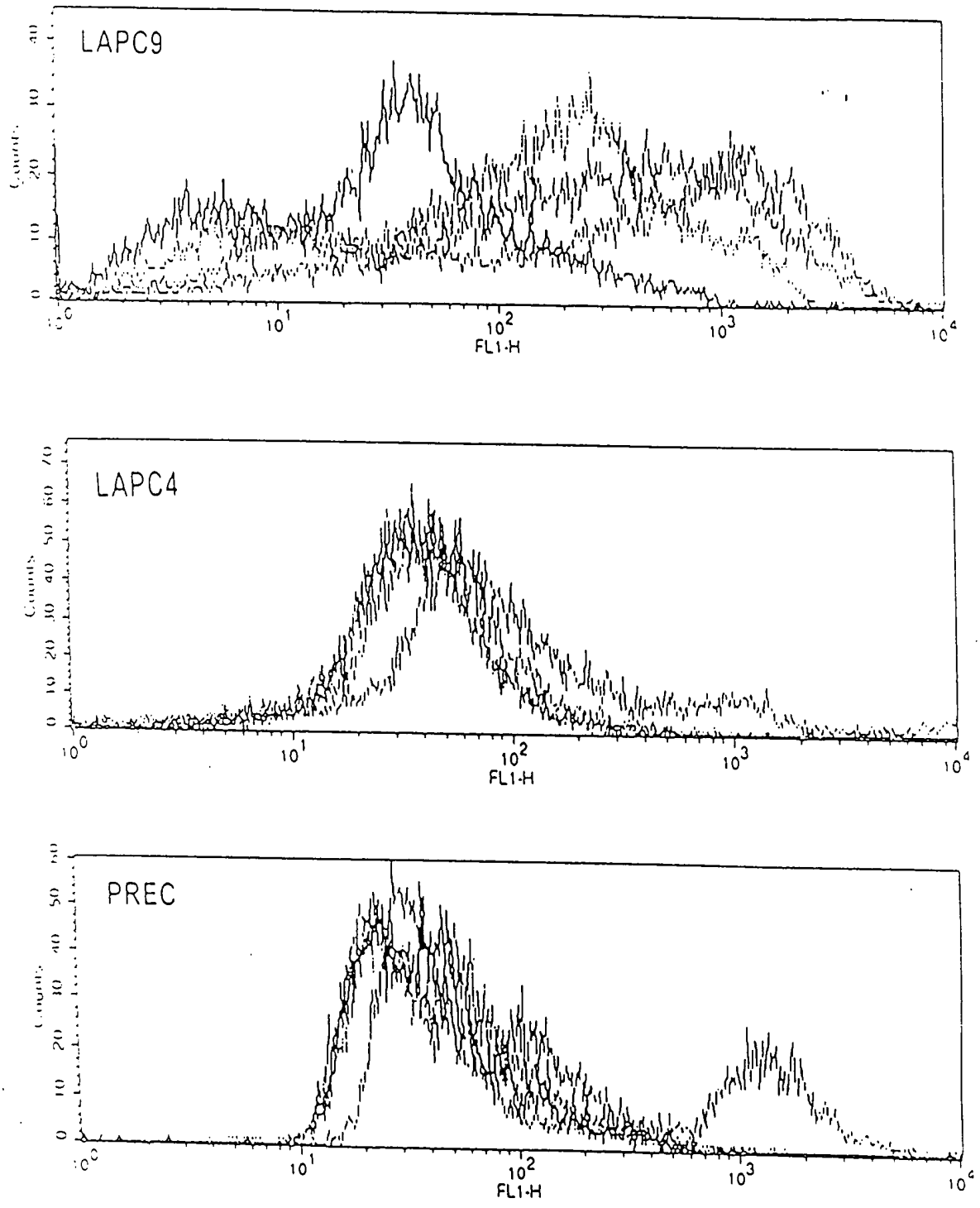


FIGURE 14

A

Epitope map

mAb	Isotype		FL (18-98)	N (2-50)	M (46-109)	C (85-123)
1G8	IgG1	k	**2.039**	0.007	**0.628**	0.000
2H9	IgG1	k	**1.318**	**0.863**	0.032	0.021
3C5	IgG2a	k	**2.893**	**1.965**	0.016	0.005
3E6	IgG3	k	**0.328**	0.024	**0.069**	**0.370**
4A10	IgG2a	k	**2.039**	**1.315**	0.000	0.014
2A2	IgG2a	k	**1.366**	**0.733**	0.010	0.003
3G3	IgG2a	k	**2.805**	**1.731**	0.004	0.000

B

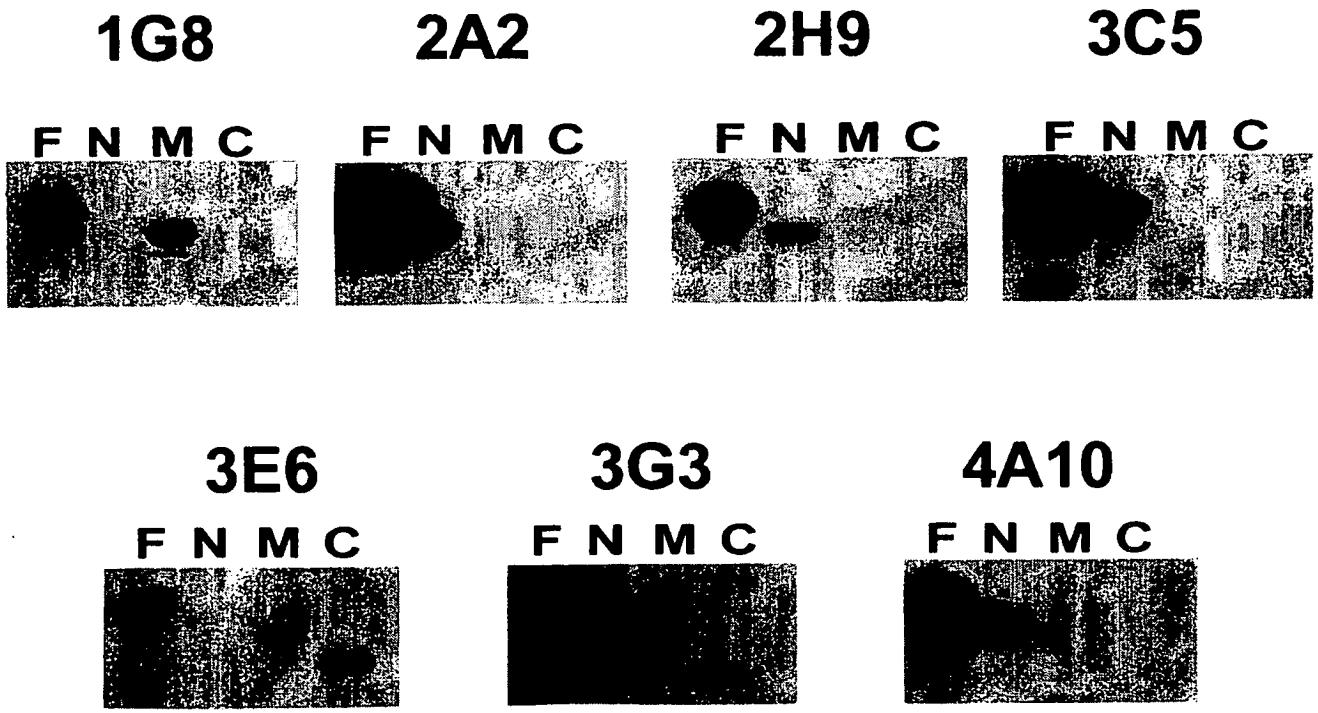
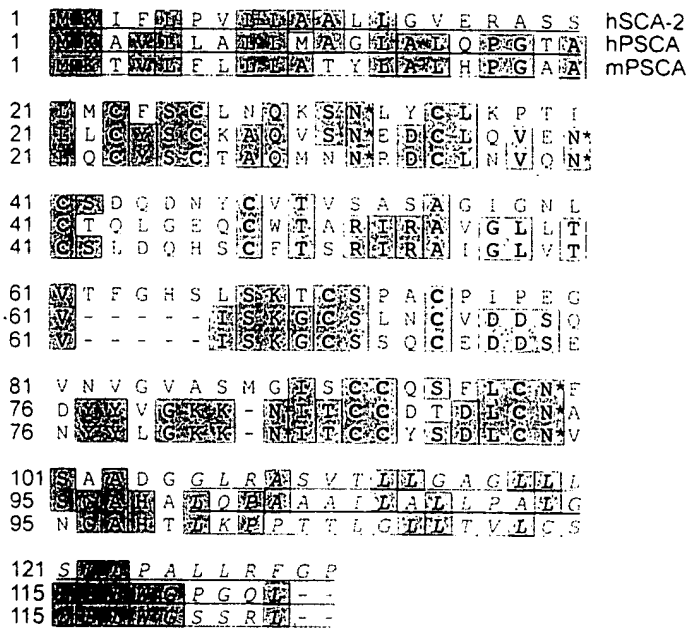


FIGURE 15

Prostate Stem Cell Antigen (PSCA) is a GPI-anchored Protein



(Reiter, R.E., et al., 1997. *PNAS*)

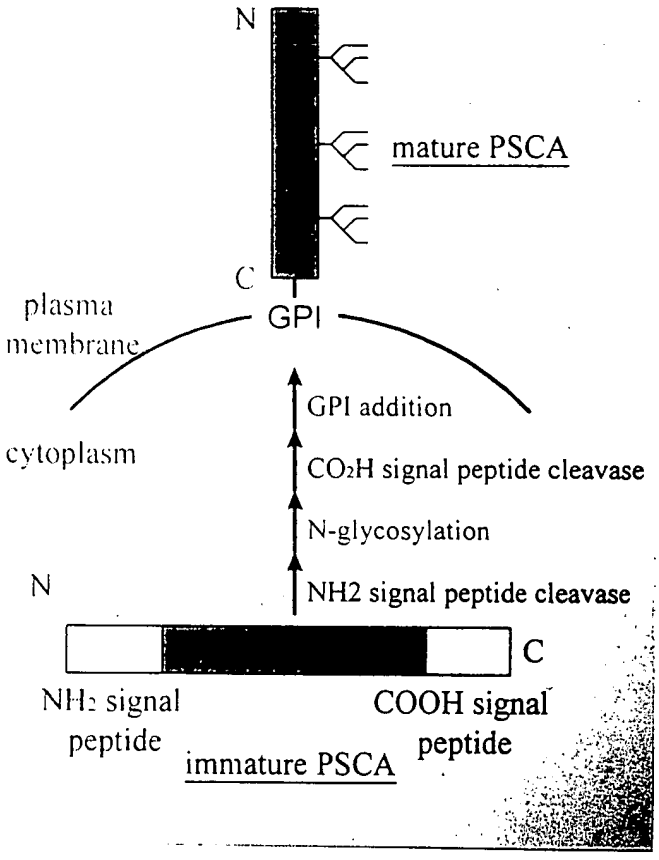


FIGURE 16

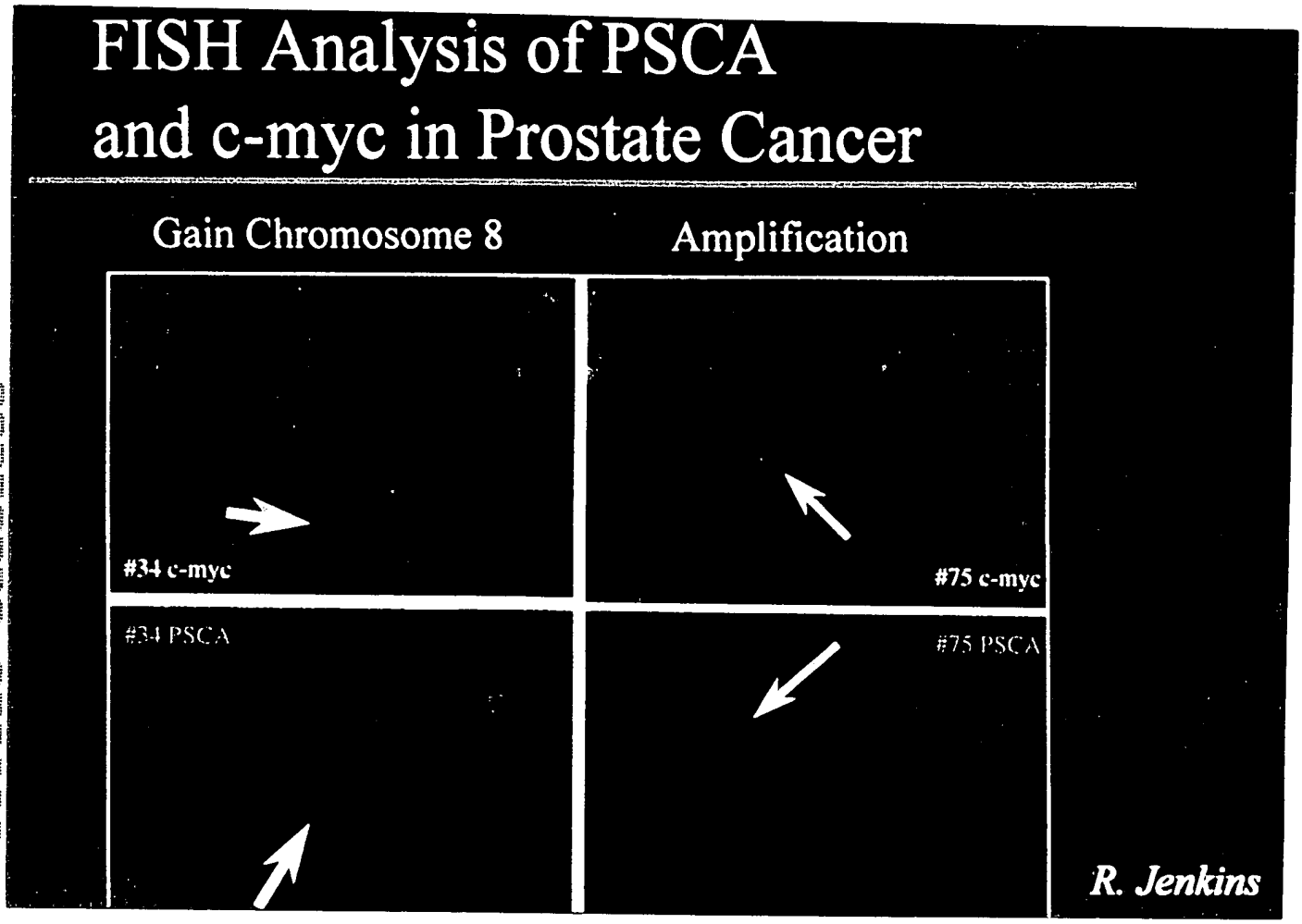

FISH Analysis of PSCA
and c-myc in Prostate Cancer
Gain Chromosome 8
Amplification
#34 c-myc
#75 c-myc
#34 PSCA
#75 PSCA
R. Jenkins

FIGURE 17

FIGURE 18

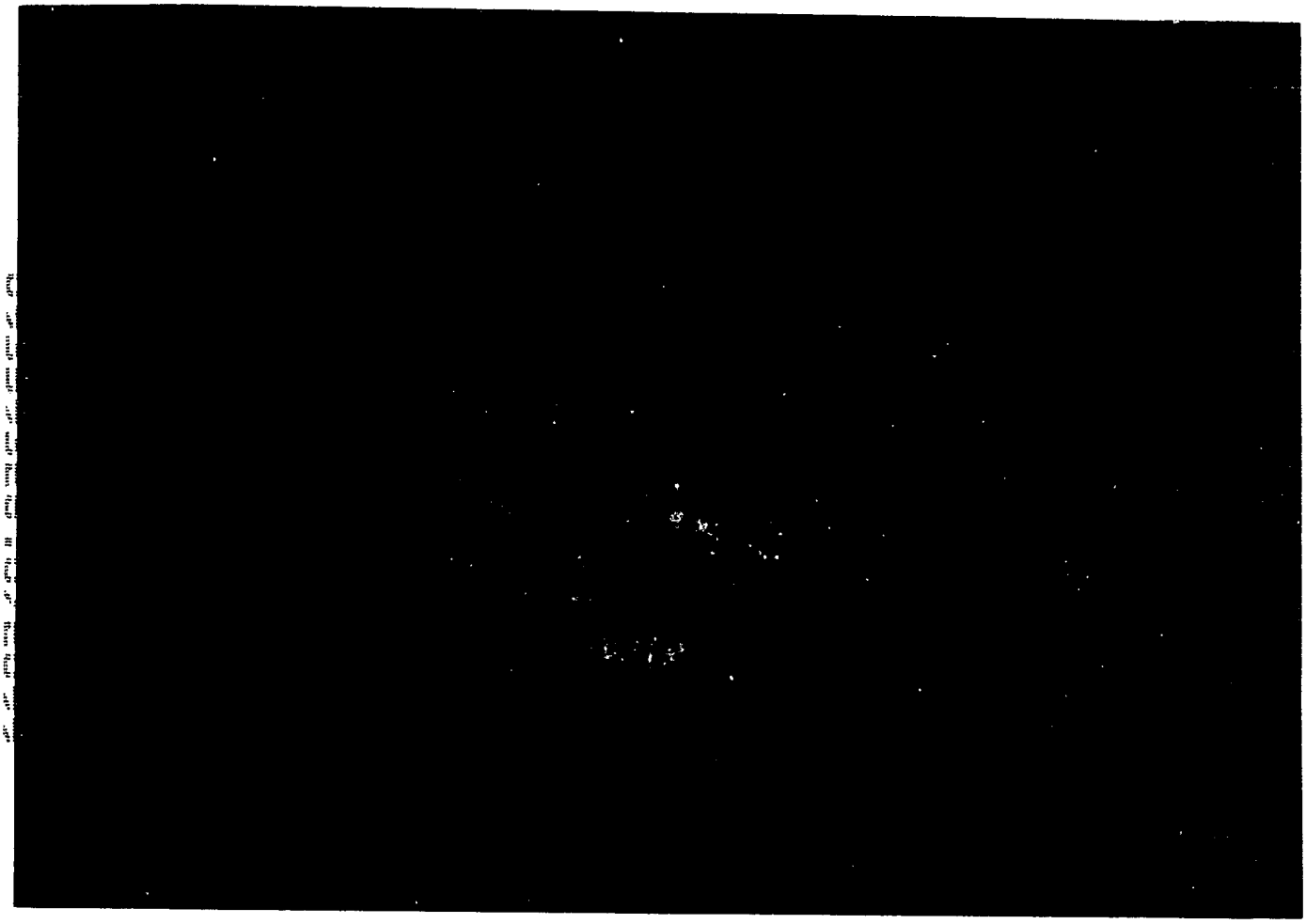


FIGURE 19

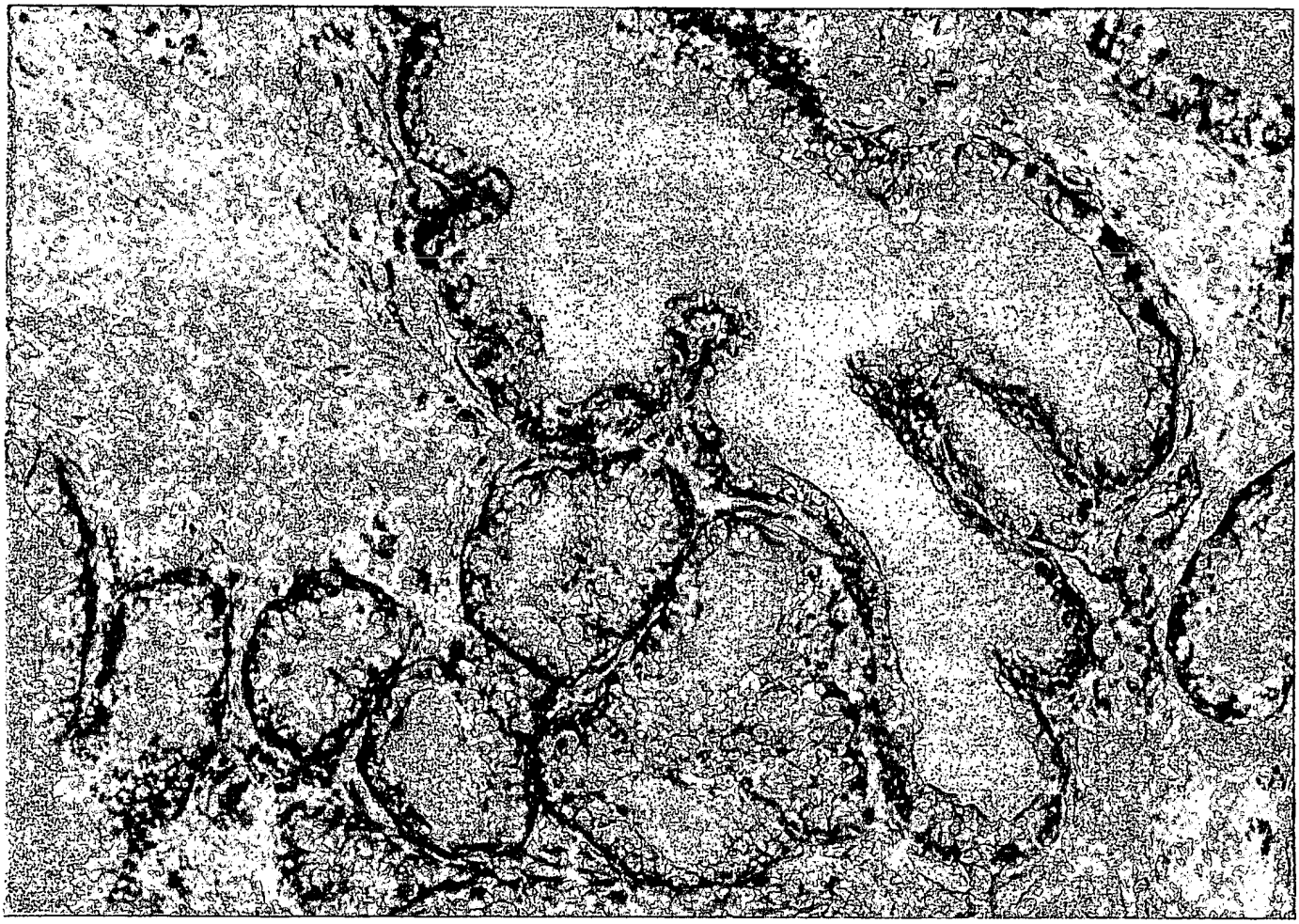


FIGURE 20

PSCA Immunostaining of Primary Tumors

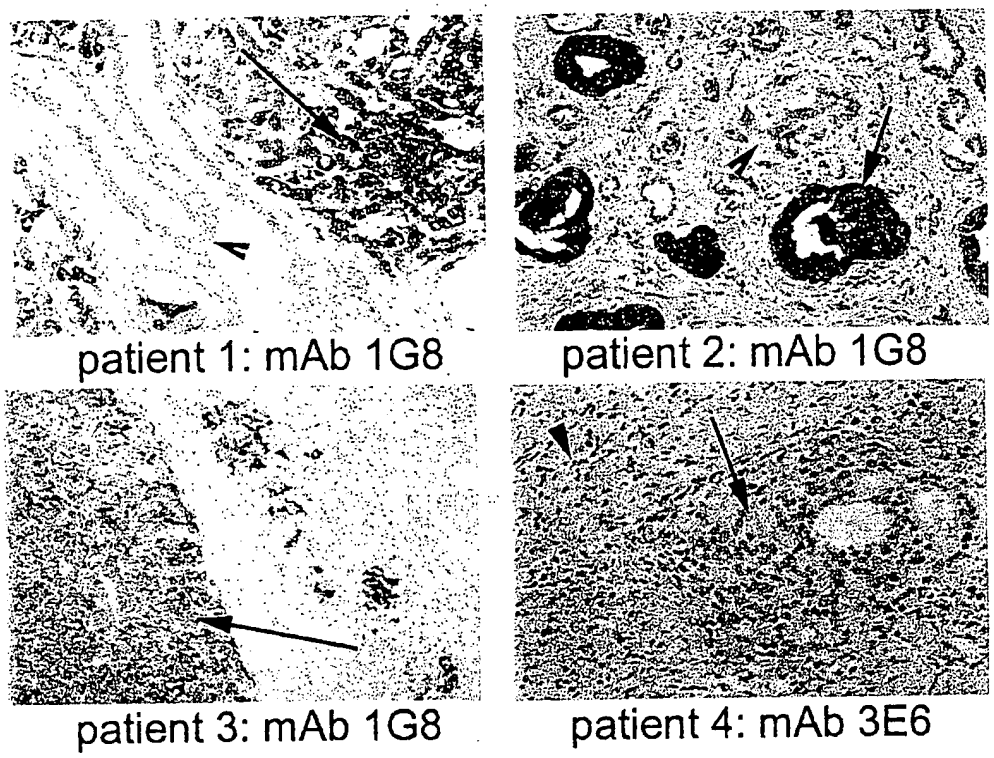


FIGURE 21

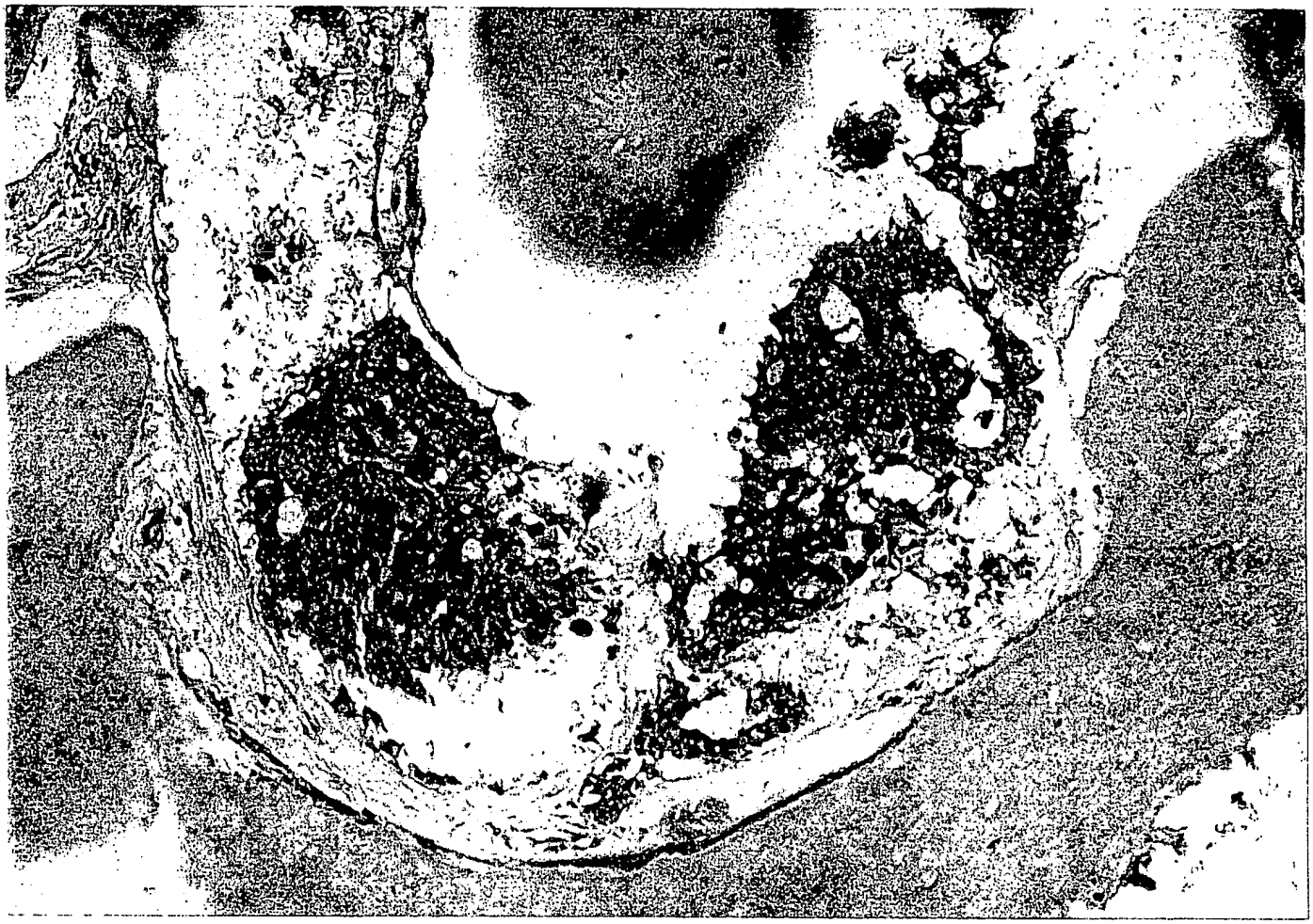


FIGURE 22

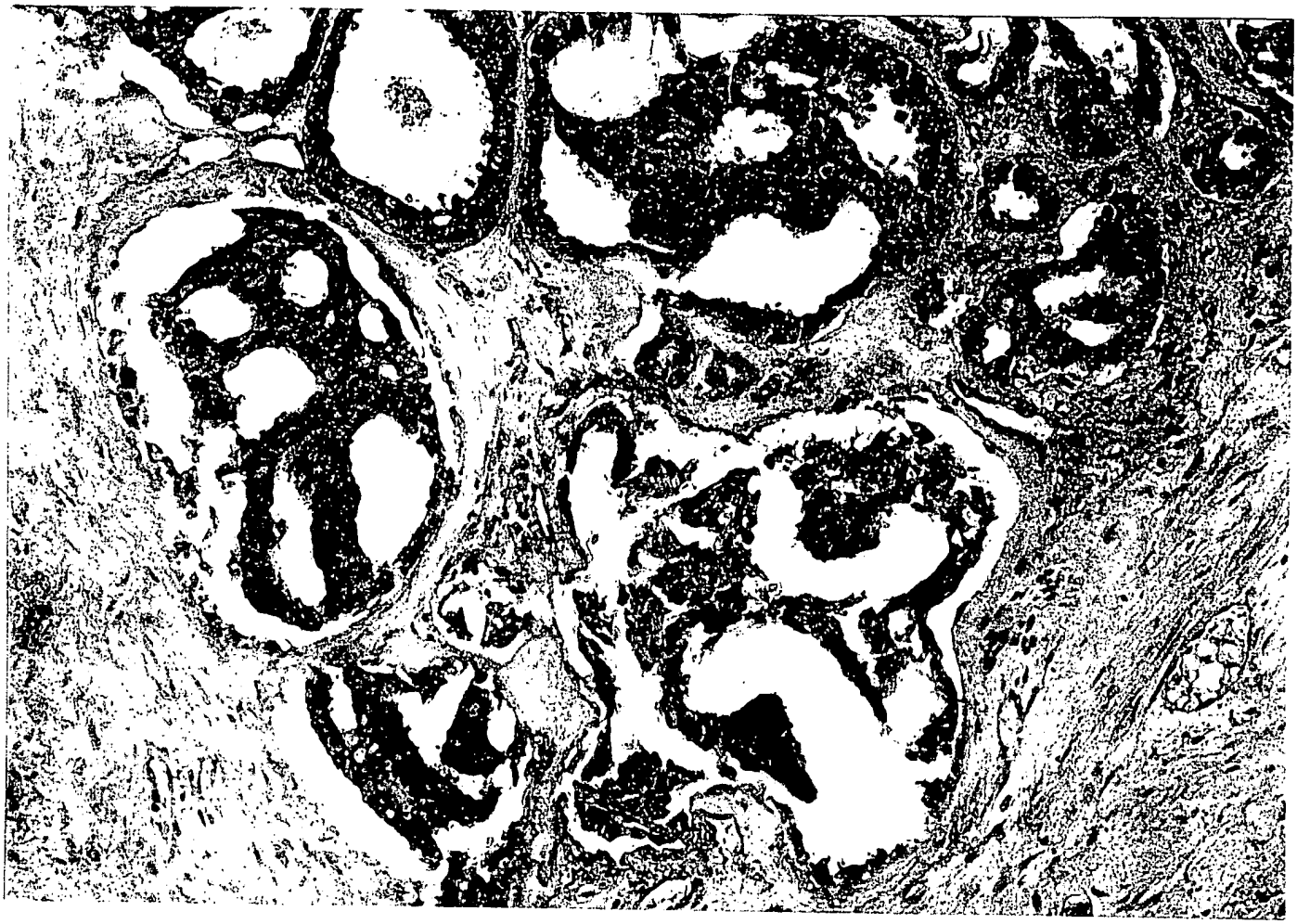


FIGURE 23

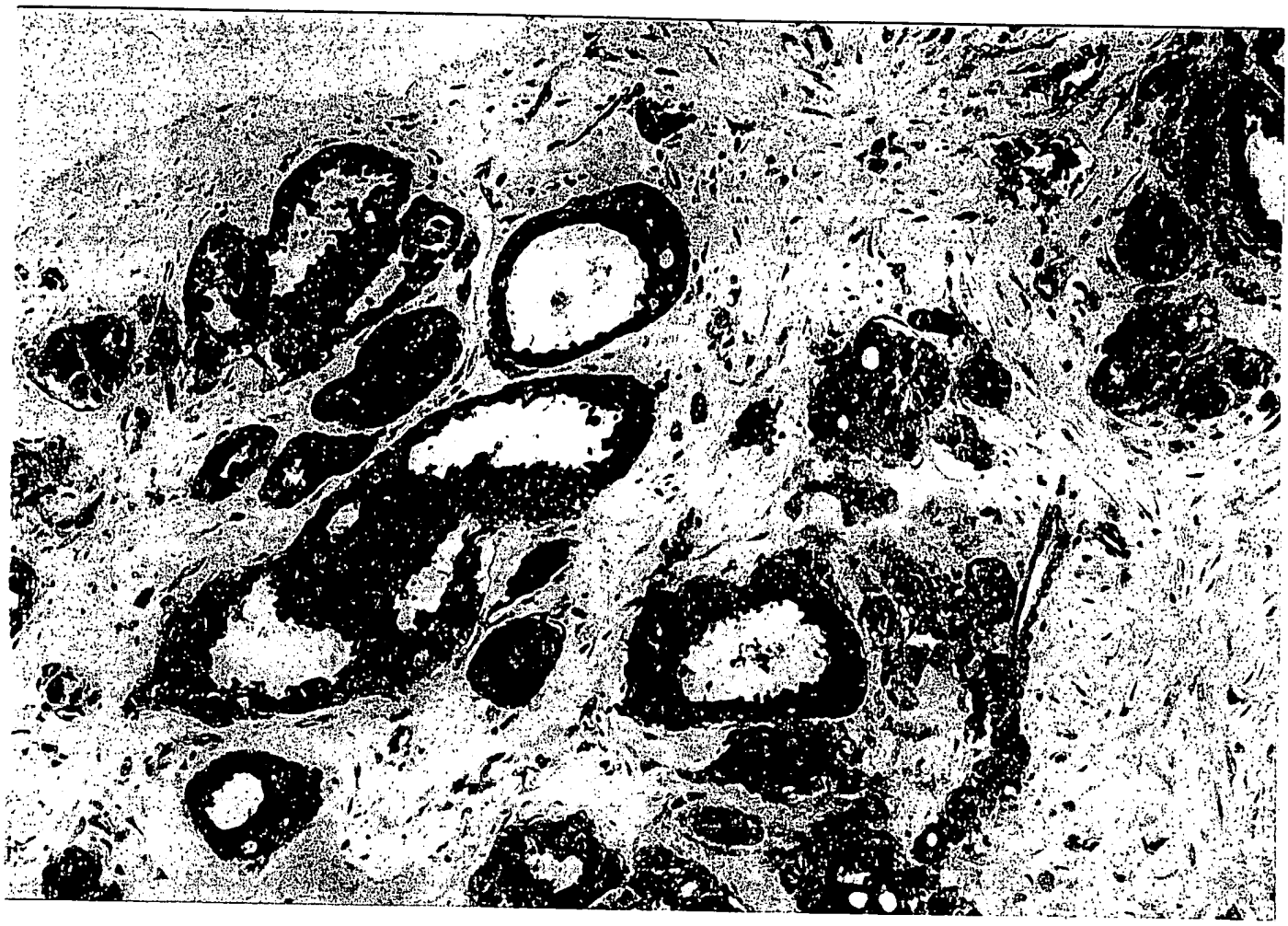


FIGURE 24

FIGURE 25

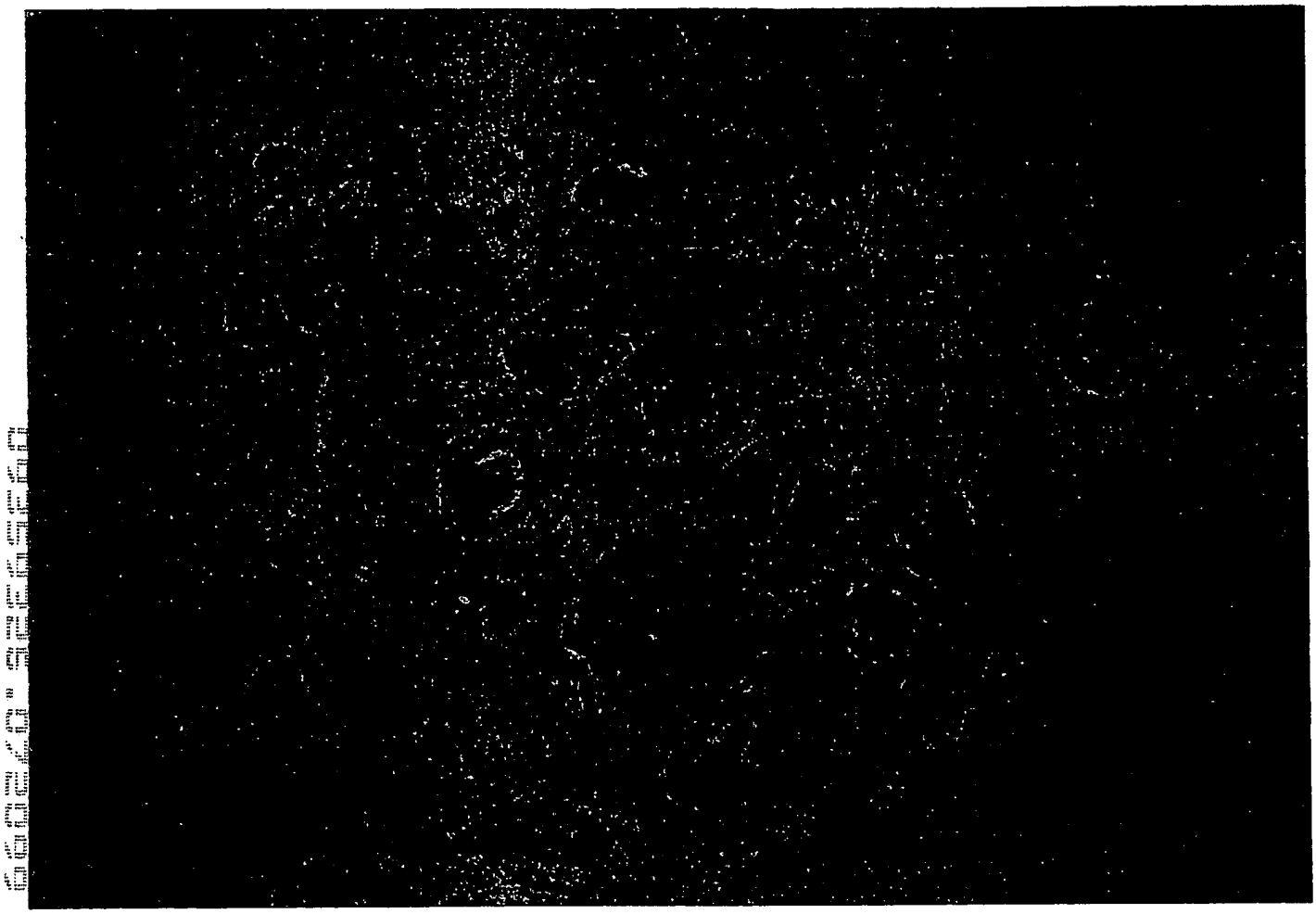
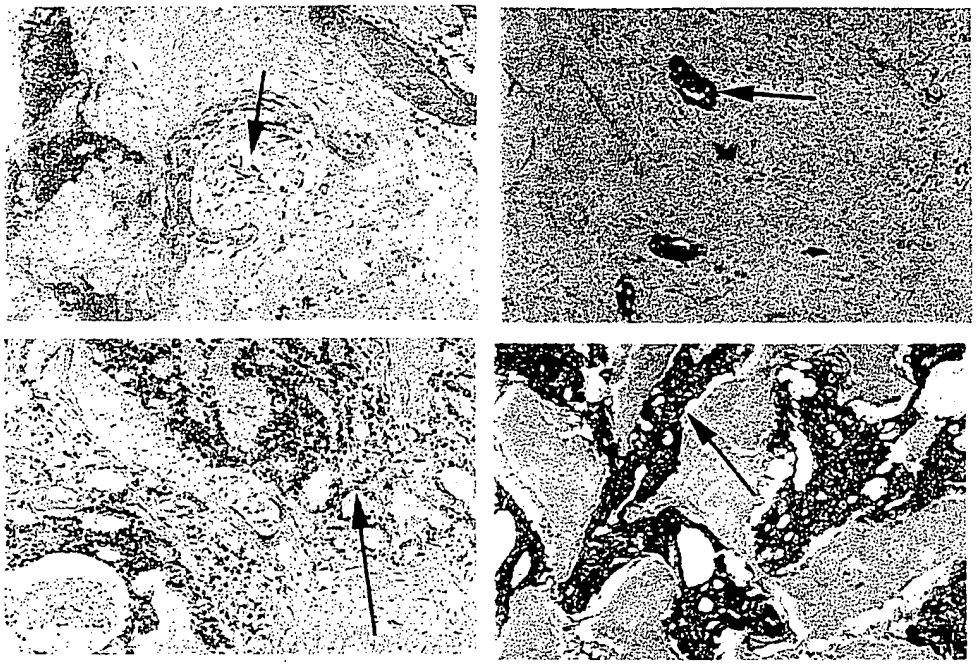


FIGURE 26

FIGURE 27

PSCA Immunostaining of Bony Metastases



Patient 5: H and E and mAb 1G8

Patient 4: H and E and mAb 3E6

FIGURE 28

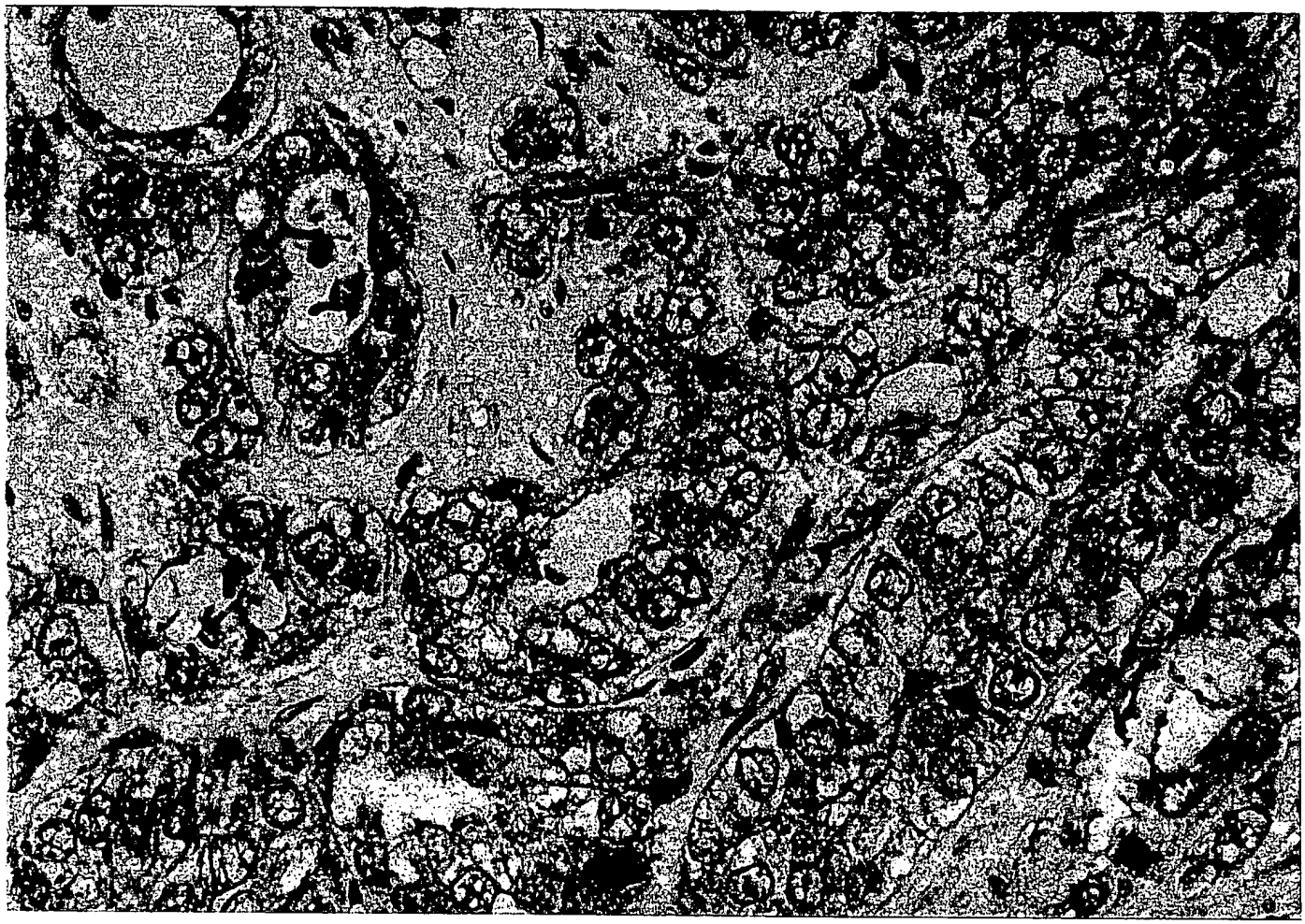


FIGURE 29

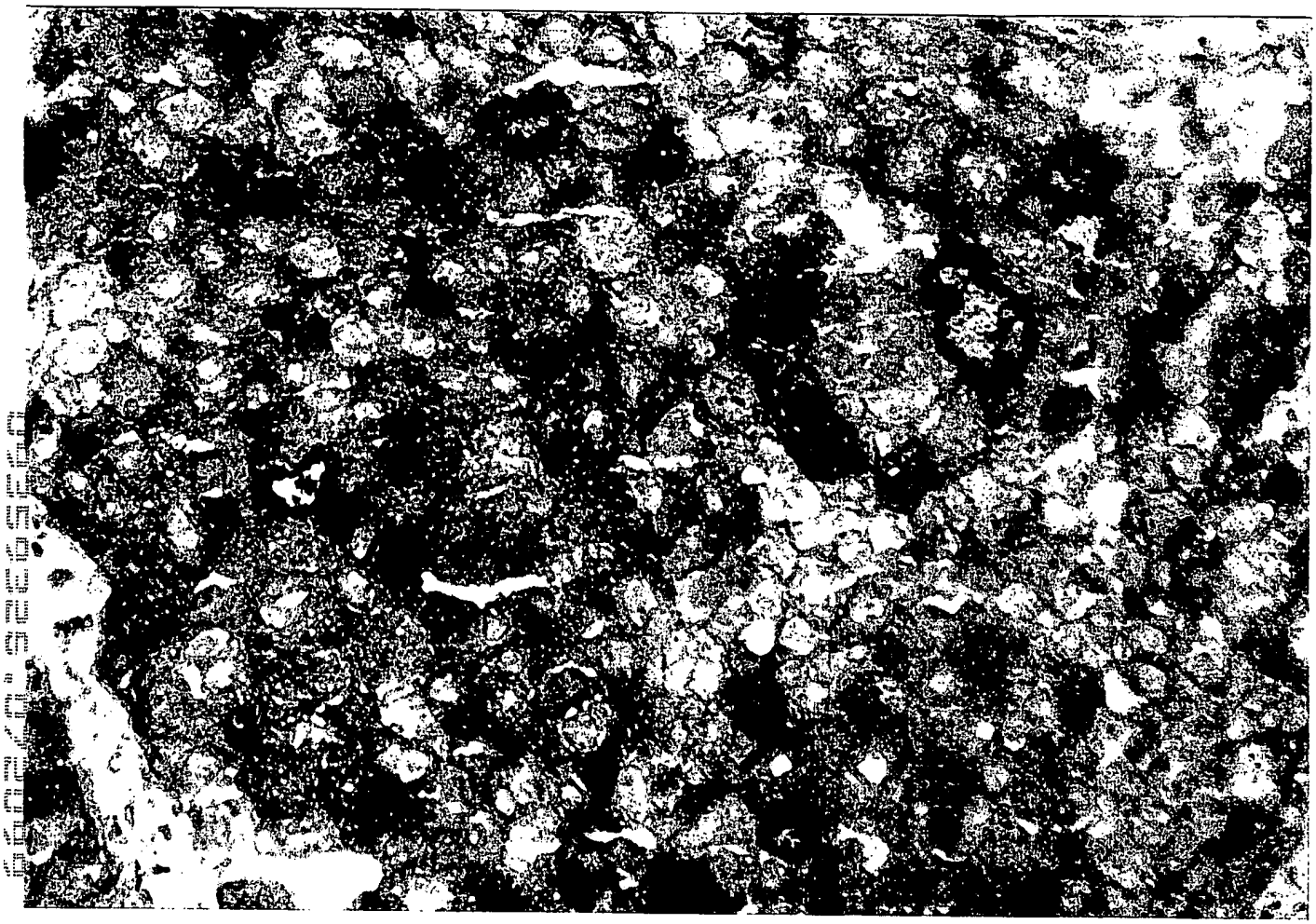


FIGURE 30

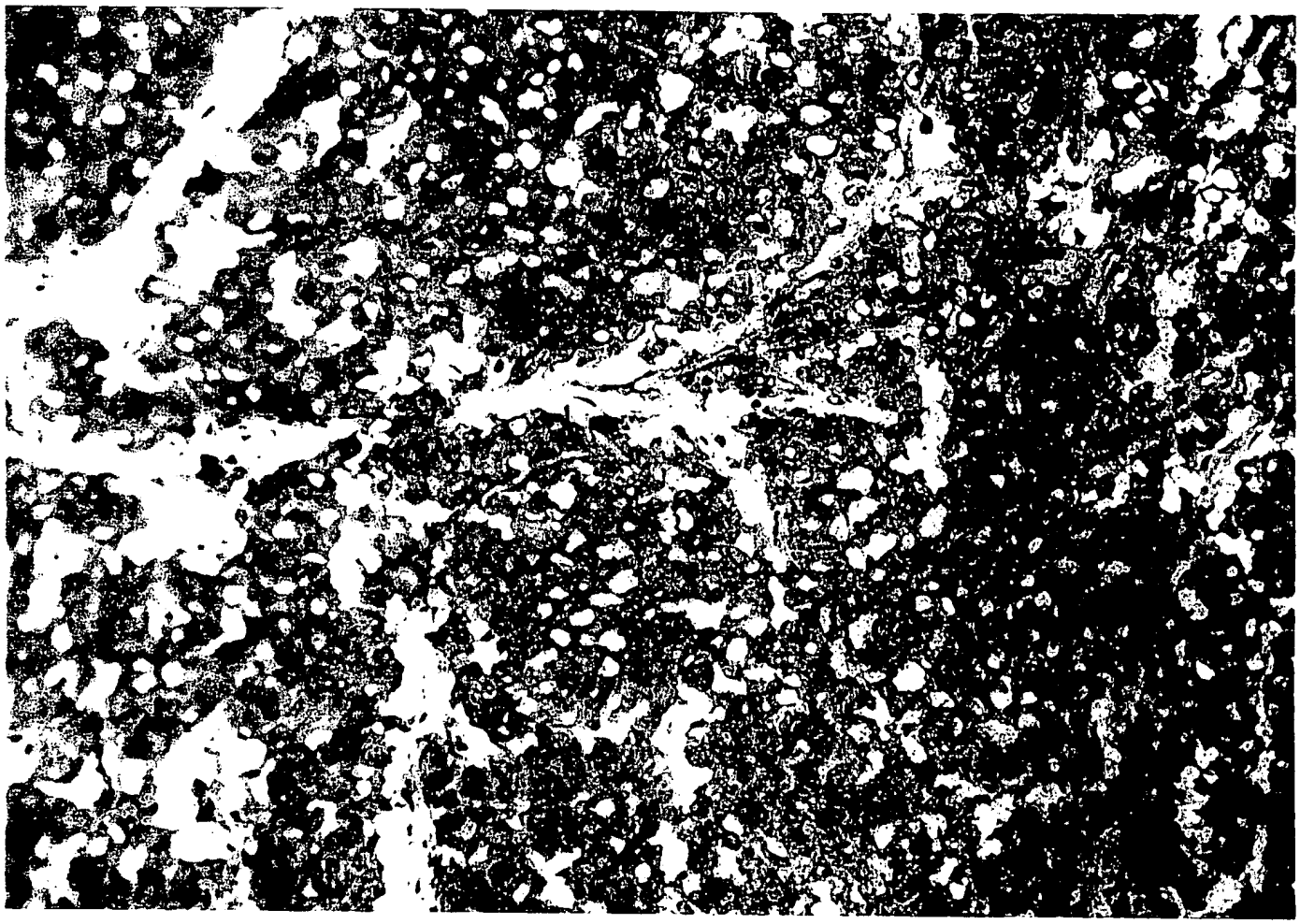


FIGURE 31

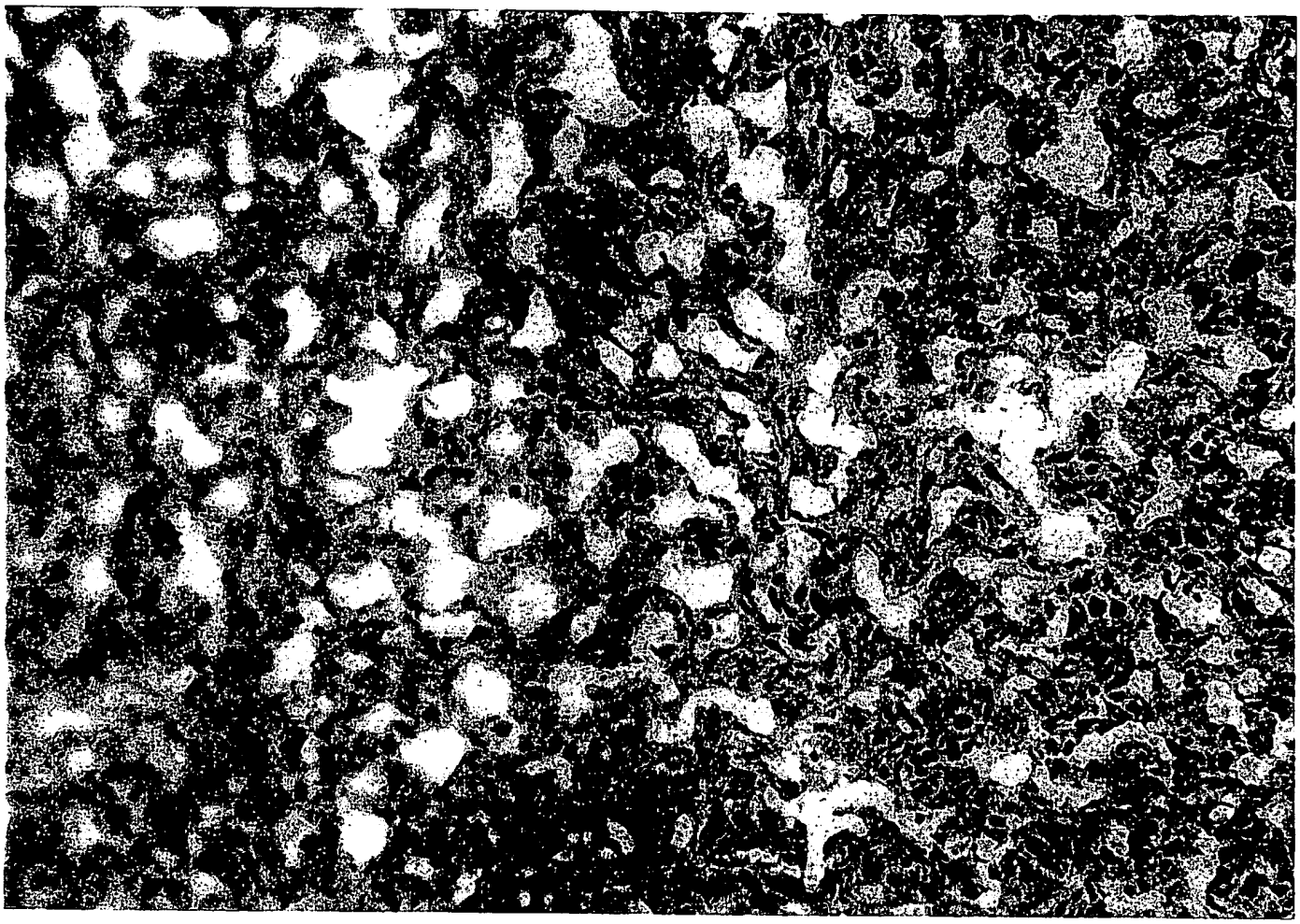


FIGURE 32

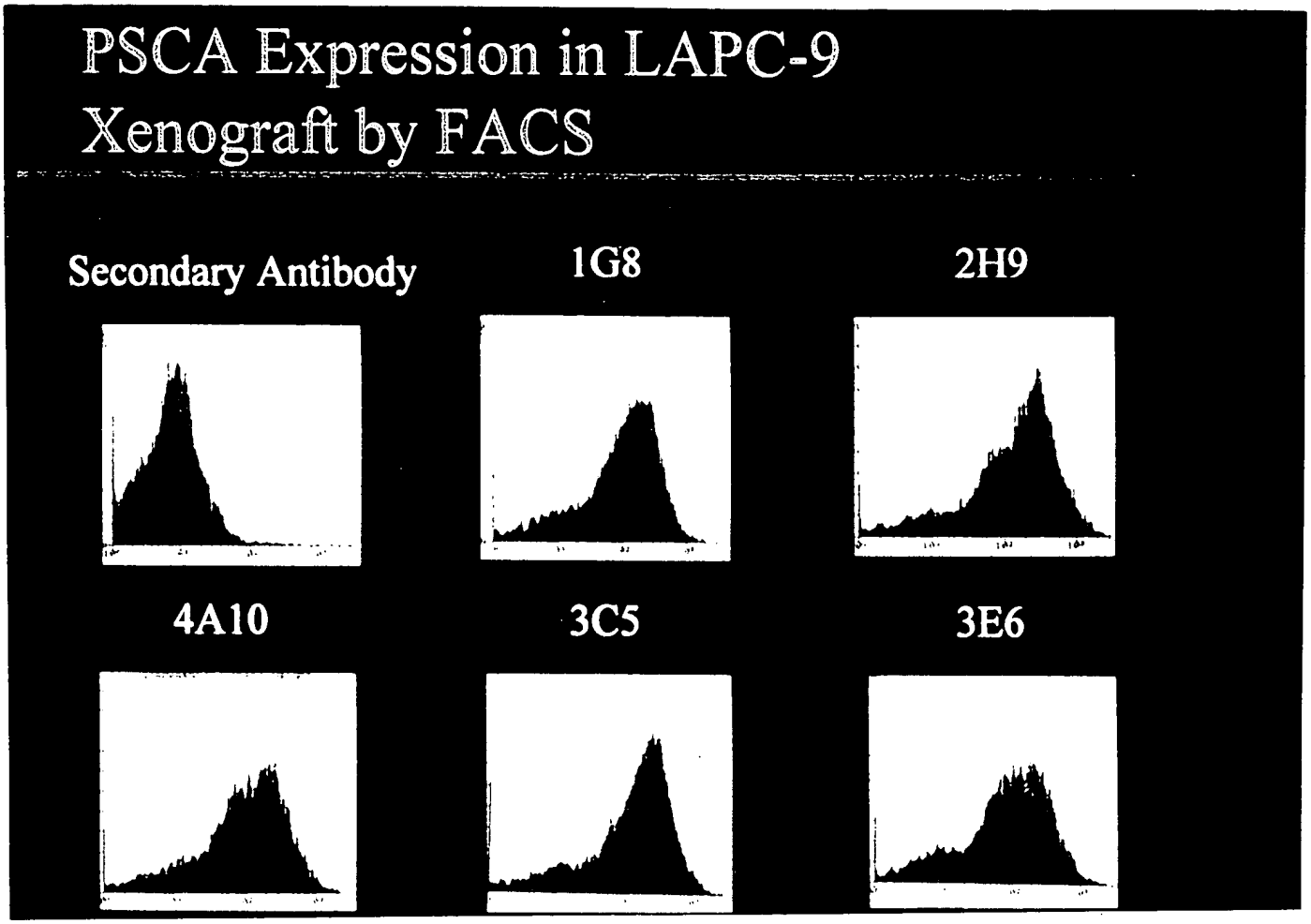

PSCA Expression in LAPC-9 Xenograft by FACS
Secondary Antibody
1G8
2H9
4A10
3C5
3E6

FIGURE 33

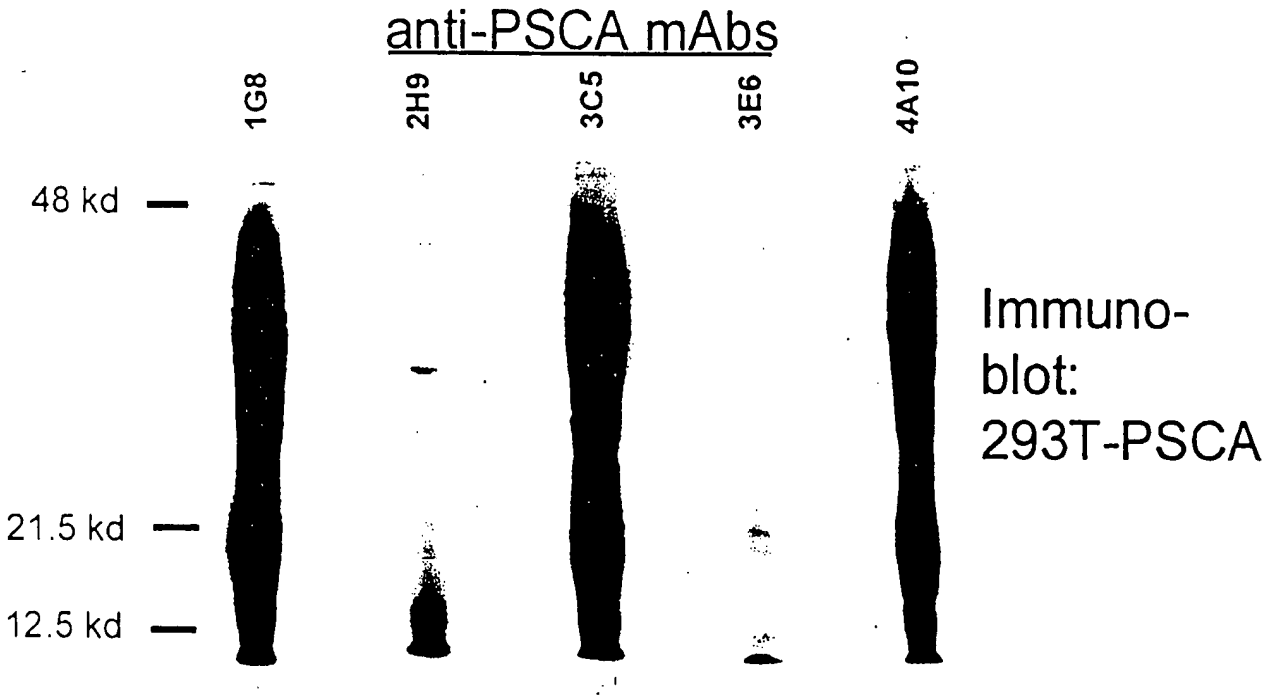

anti-PSCA mAbs
1G8
2H9
3C5
3E6
4A10
48 kd
21.5 kd
12.5 kd
Immuno-
blot:
293T-PSCA

FIGURE 34

Immunofluorescent Staining of LNCaP-PSCA Cells

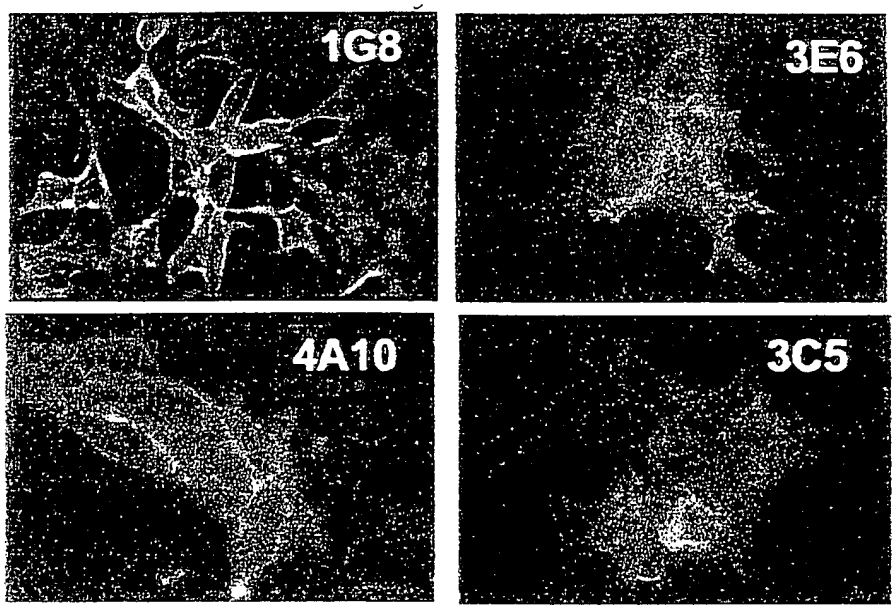


FIGURE 35

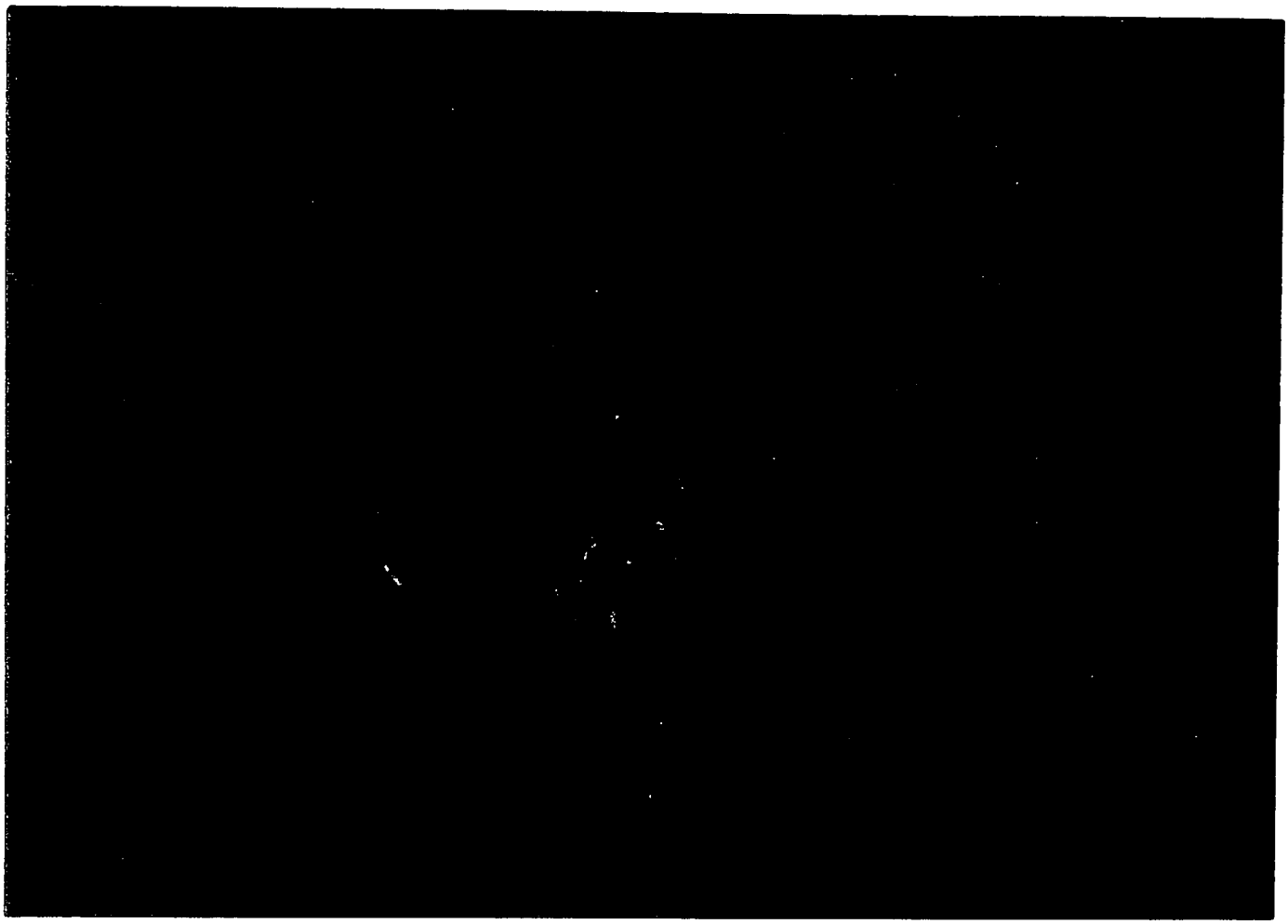


FIGURE 36

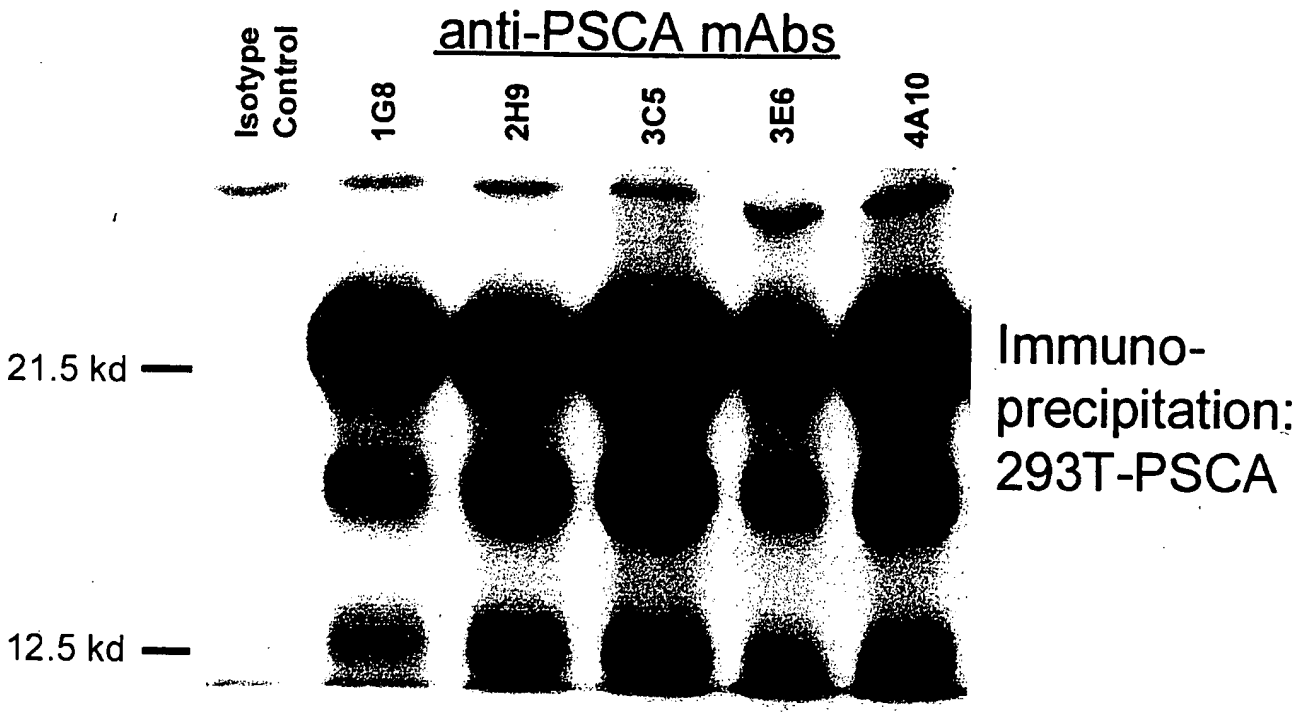
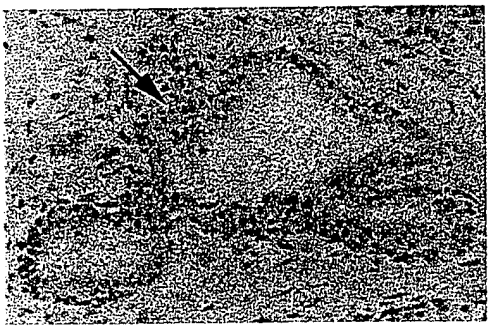

anti-PSCA mAbs
Isotype Control
1G8
2H9
3C5
3E6
4A10
21.5 kd
12.5 kd
Immuno-precipitation: 293T-PSCA

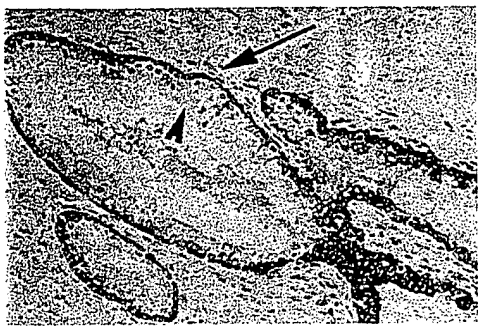
FIGURE 37

Immunohistochemical Staining of Normal Prostate

Normal: Isotype Control



Normal: PSCA mAb 3E6



Normal: PSCA mAb 1G8

Atrophy: PSCA mAb 2H9

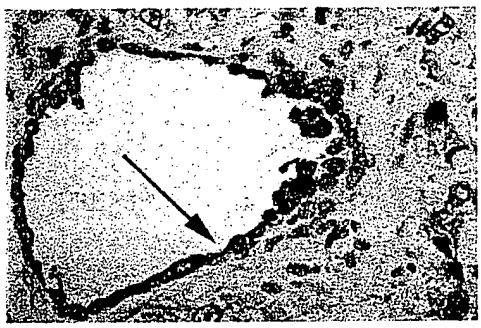
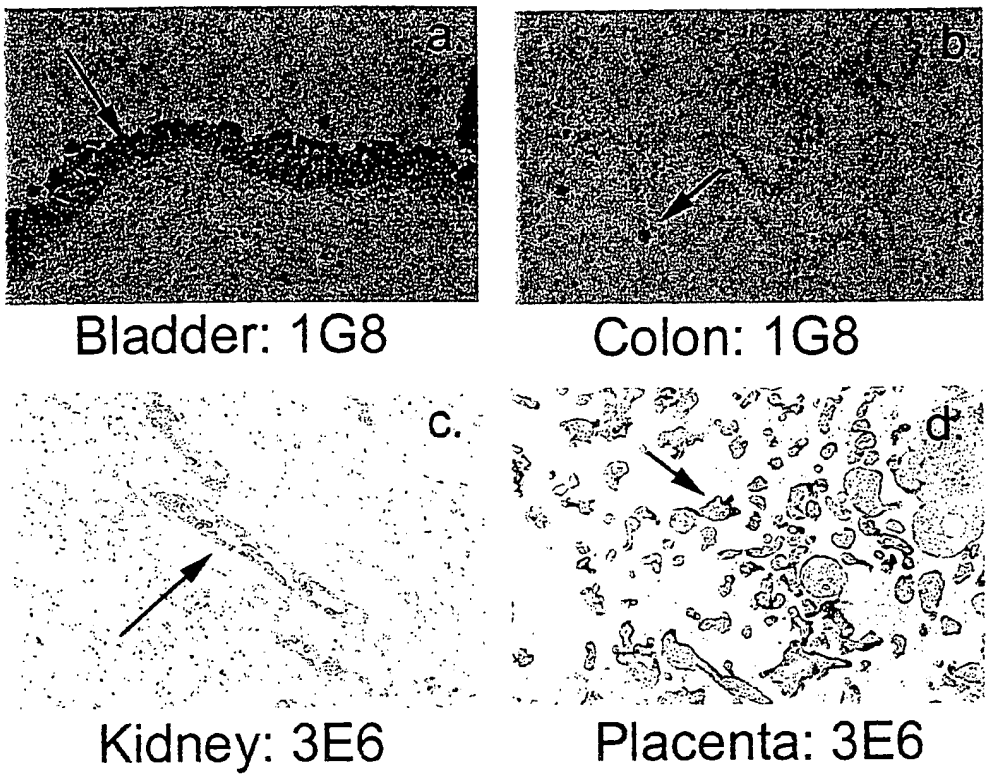


FIGURE 38

A.


a.
b.
Bladder: 1G8
Colon: 1G8
c.
d.
Kidney: 3E6
Placenta: 3E6

B.

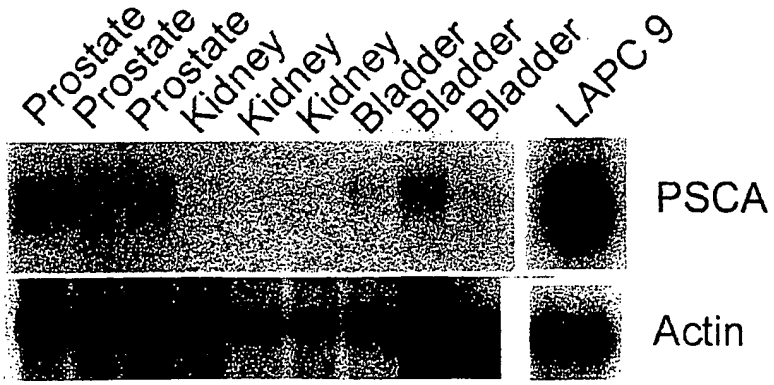
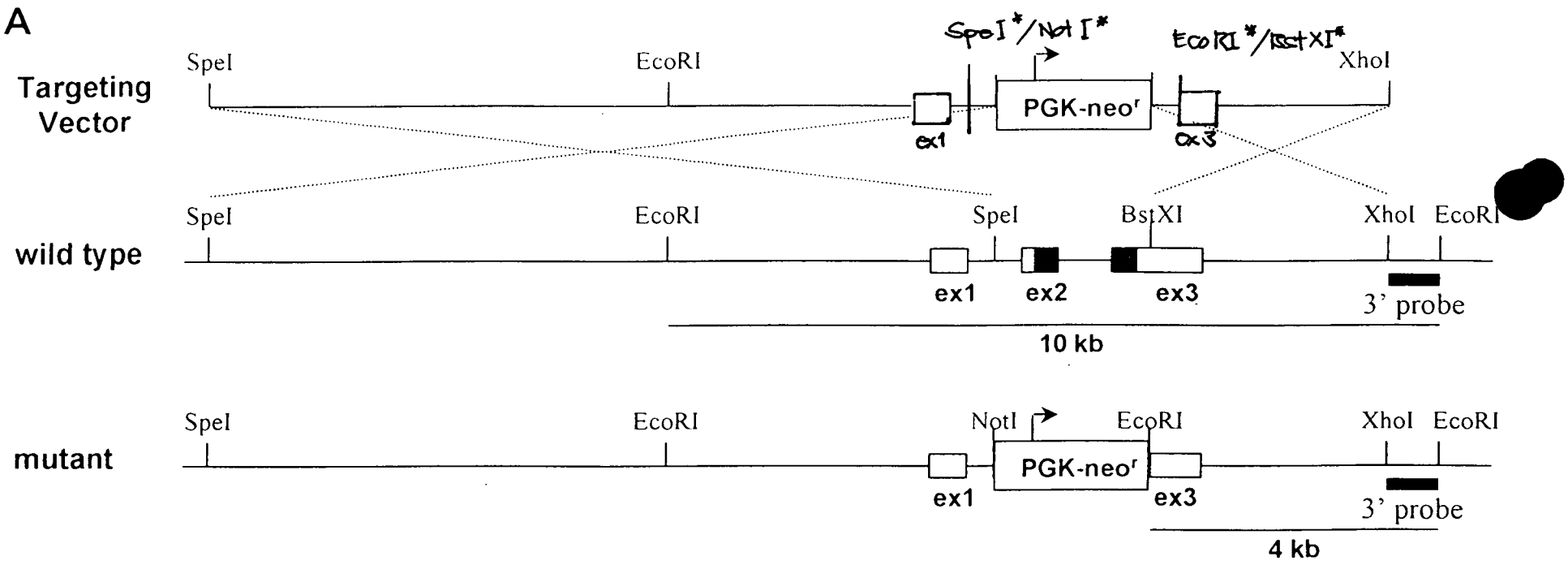

Prostate
Prostate
Prostate
Kidney
Kidney
Kidney
Bladder
Bladder
Bladder
LAPC 9
PSCA
Actin

FIGURE 39

Targeting of Mouse PSCA Gene



* ex1, 2, and 3 are the exons of PSCA gene.
* Black boxes of ex2 and ex3 encode PSCA mature protein sequences.
* ES genomic DNAs were digested with EcoRI, followed by Southern hybridization using 3' probe .

B. Genomic Southern Analysis of ES Cells

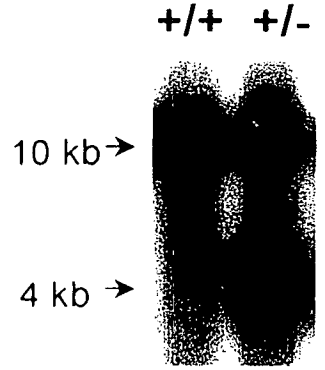
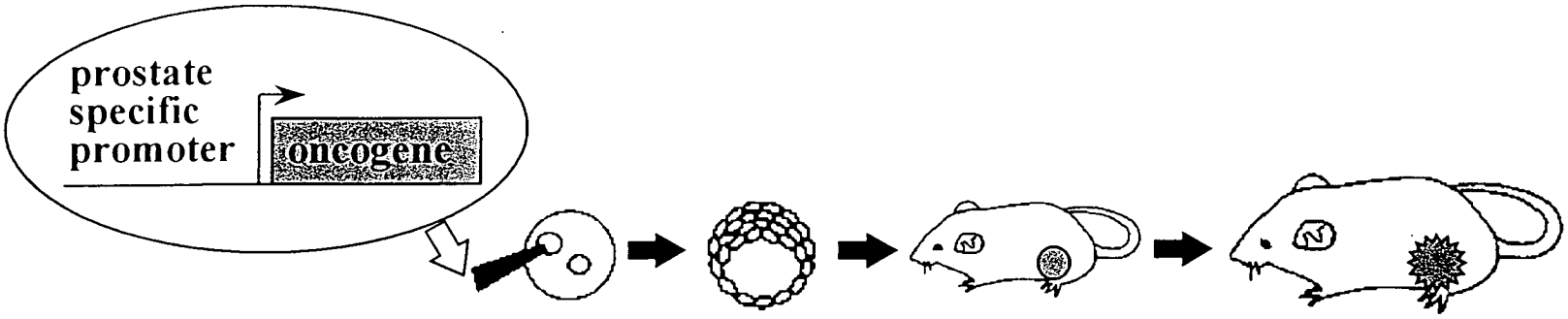


FIGURE 40

Transgenic Mouse Models of Prostate Cancer



Microinjection of transgenes into male pronucleus | Embryo | Offspring expressing oncogene in prostate | Mouse bearing prostate cancer

Transgene	Target tissues	Characteristics
C3(1) (-3 kb)/ SV40 large+small T *Maroulakou et al. 1994 PNAS*	prostate (secretory cells) urethral, mammary and sweat gland	Low-grade PIN 8-12 wks High-grade PIN 8-12 wks Invasive carcicinoma 28 wks No metastases
Probasin (-426 bp)/ SV40 large+small T *Greenberg et al. 1995 PNAS*	prostate (secretory cells)	Low-grade PIN 5-8 wks High-grade PIN 8-12 wks Invasive carcicinoma 12 wks Metastases in lymph node, lung, liver and bone
Cryptdin2 (-6.5 kb)/ SV40 large+small T *Garabedian et al. 1998 PNAS*	prostate (neuroendocrine cells) small intestine	Low-grade PIN 8-12 wks High-grade PIN 8-12 wks Invasive carcicinoma 16 wks Metastases in lymph node, lung, liver and bone

FIGURE 41

Reporter Gene Constructs for Transfection Assay

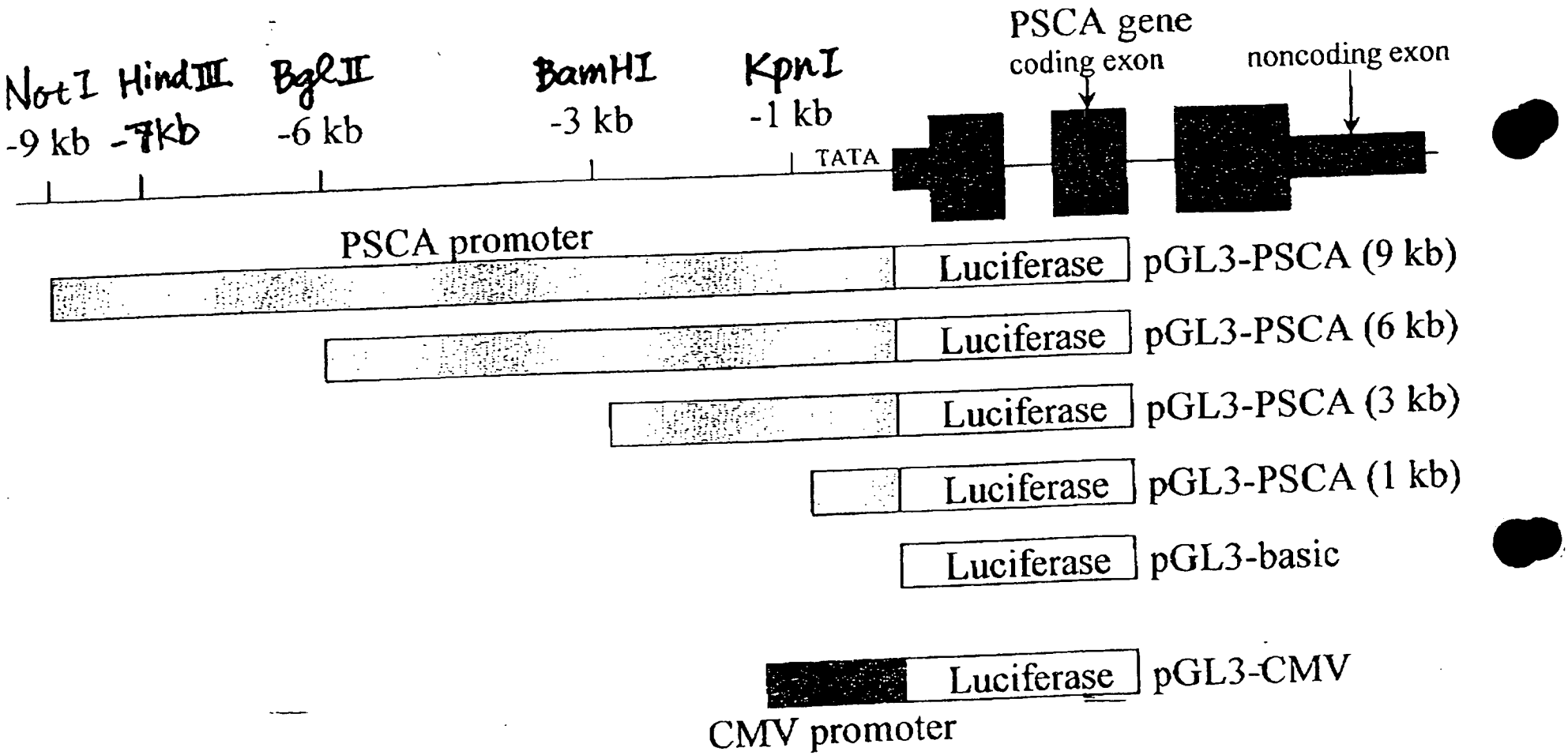


FIGURE 42

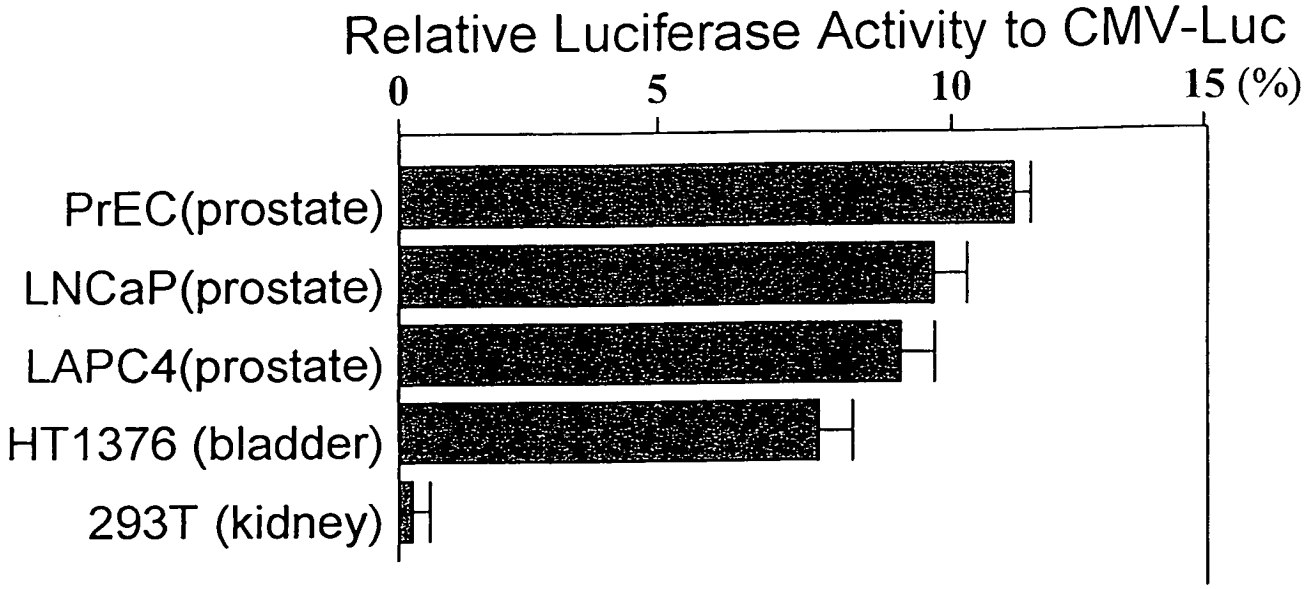


FIGURE 43

Identification of Prostate-Specific Elements Within PSCA Promoter Sequences

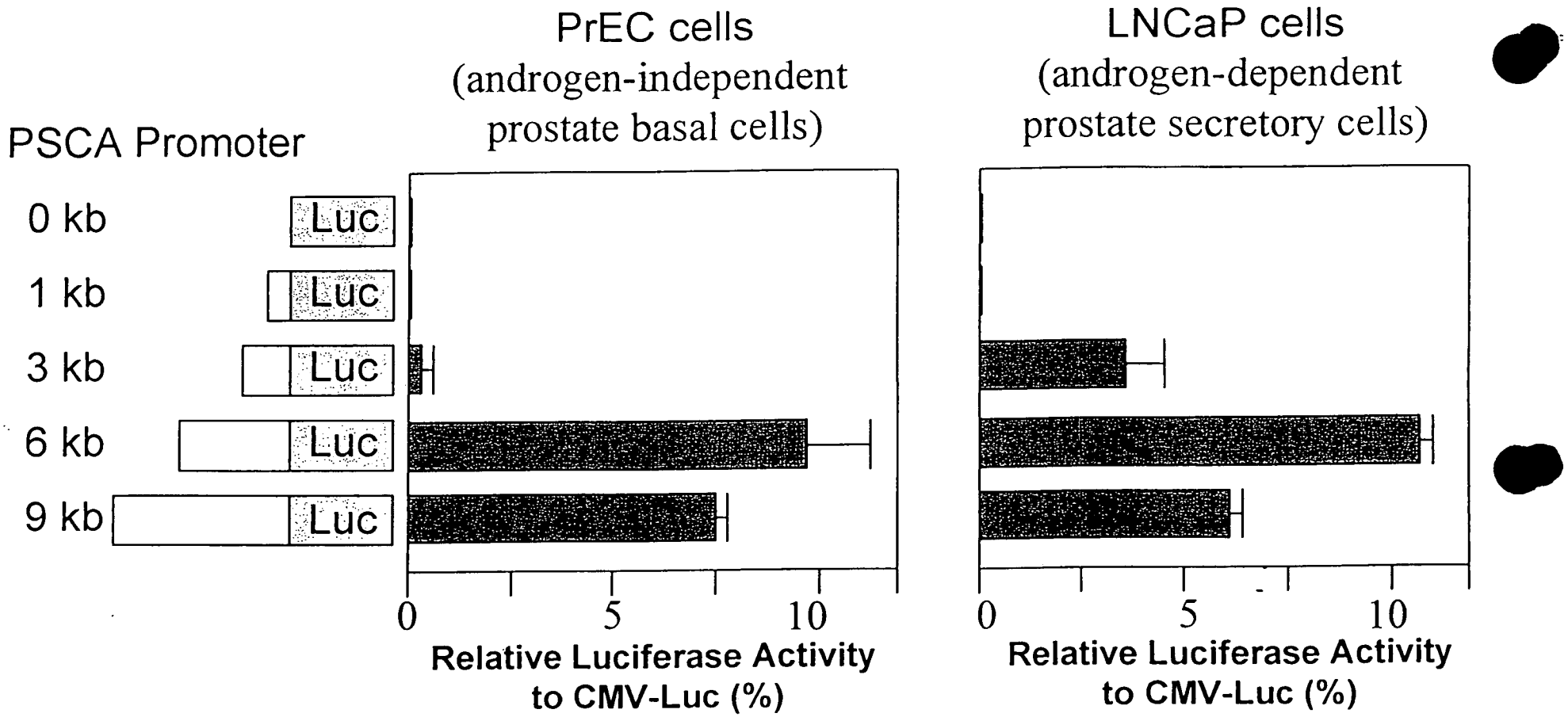
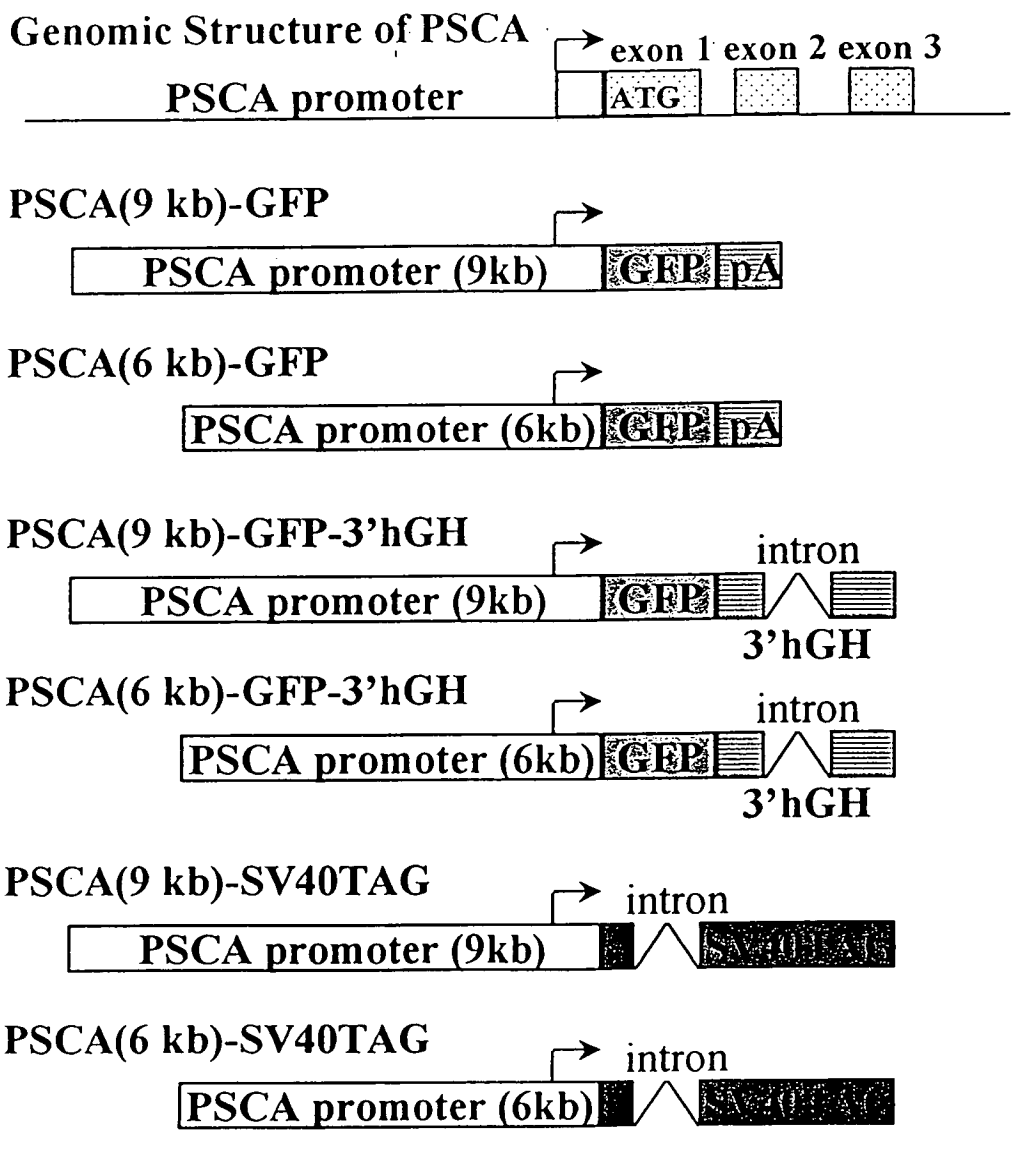


FIGURE 44

Update of Transgenic Mouse Projects



Number of Founders (DNA positive)
2
1
6
8
3
9

FIGURE 45

Negative tissues

Stomach
Small intestine
Colon
Seminal Vesicle
Urethra
Testis
Liver
Kidney
Lung
Brain
Heart
Skeletal muscle
Ovary
Uterus

Whole-mount green fluorescence image

Transgenic | Non-transgenic

Prostate (A25-106-2)

Bladder (A25-104)

Skin (A25-106-2)

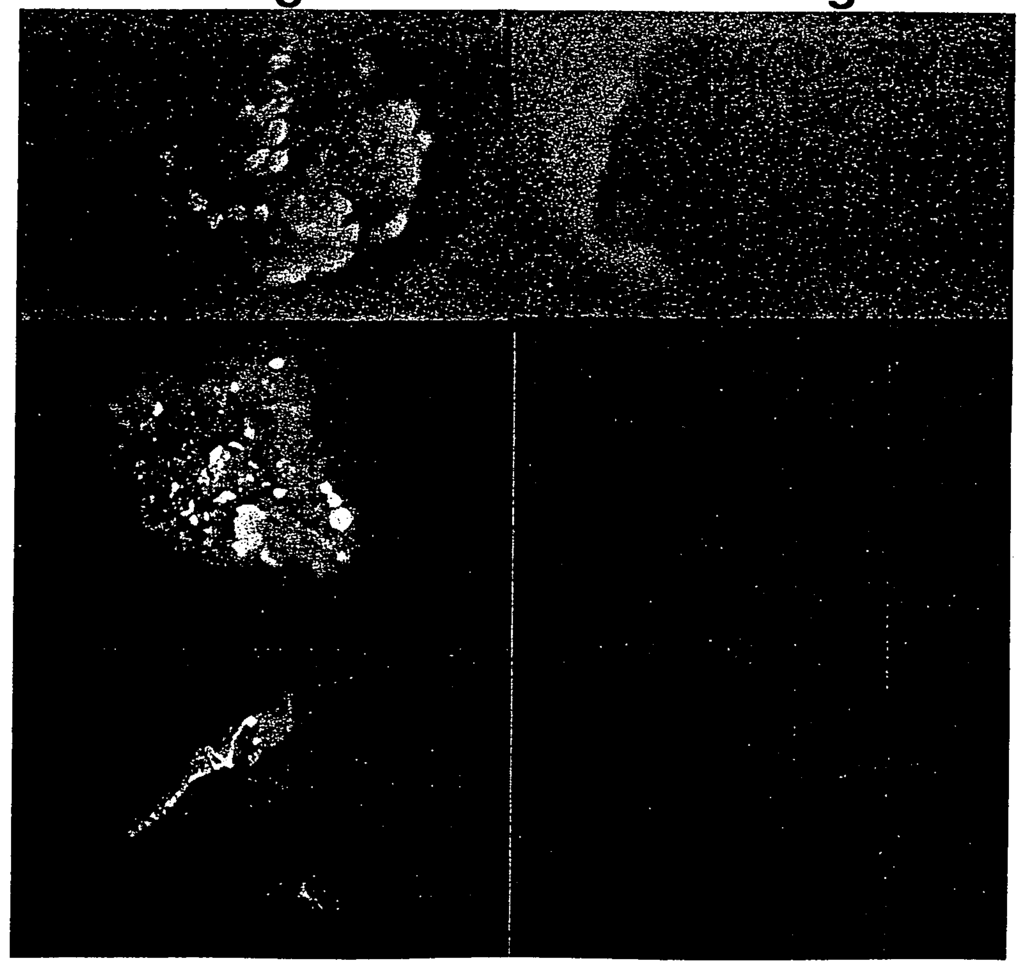
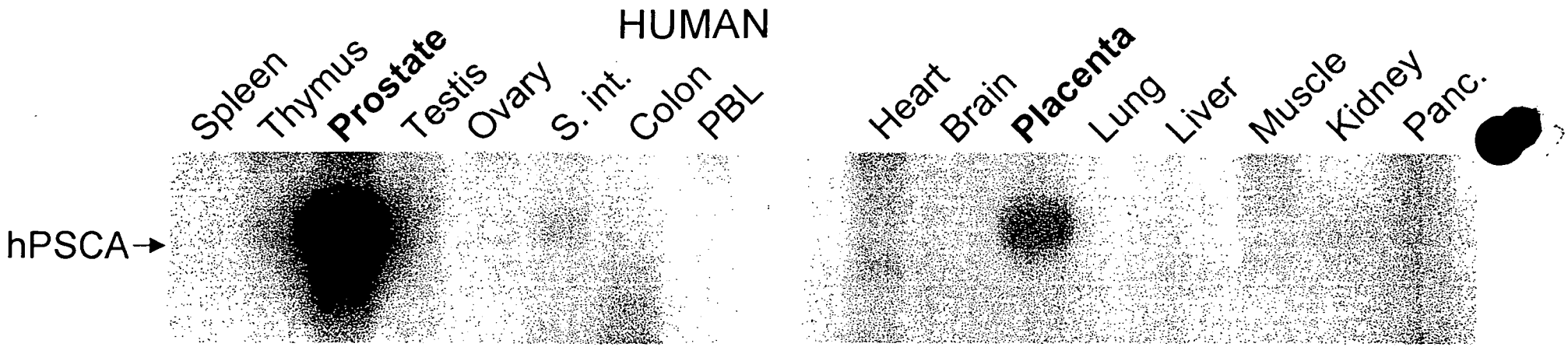
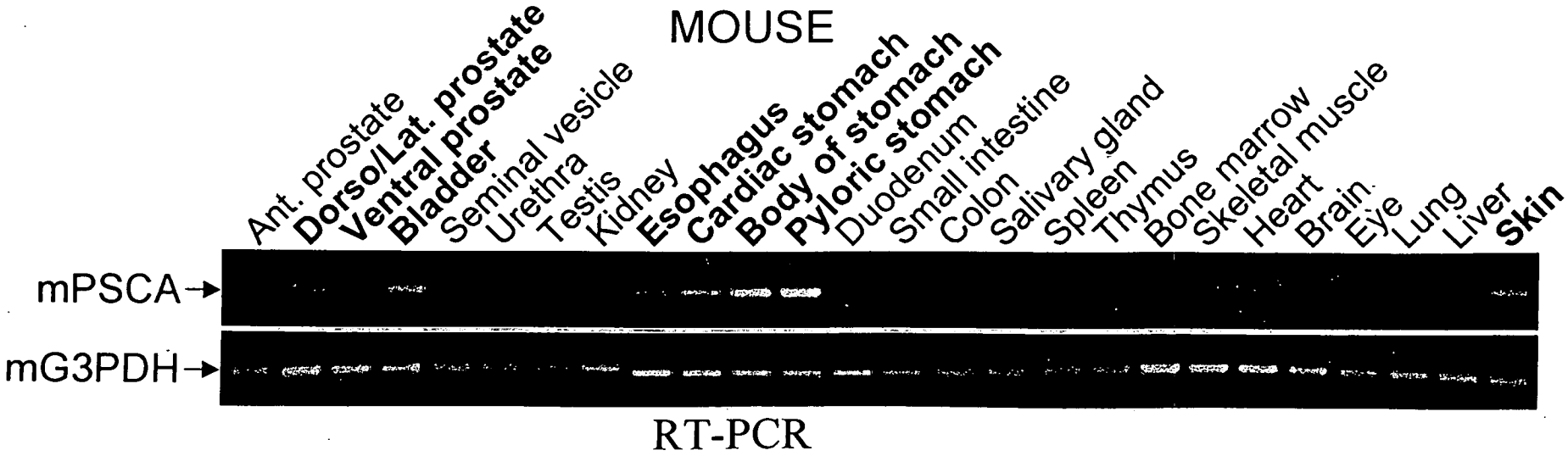


FIGURE 46



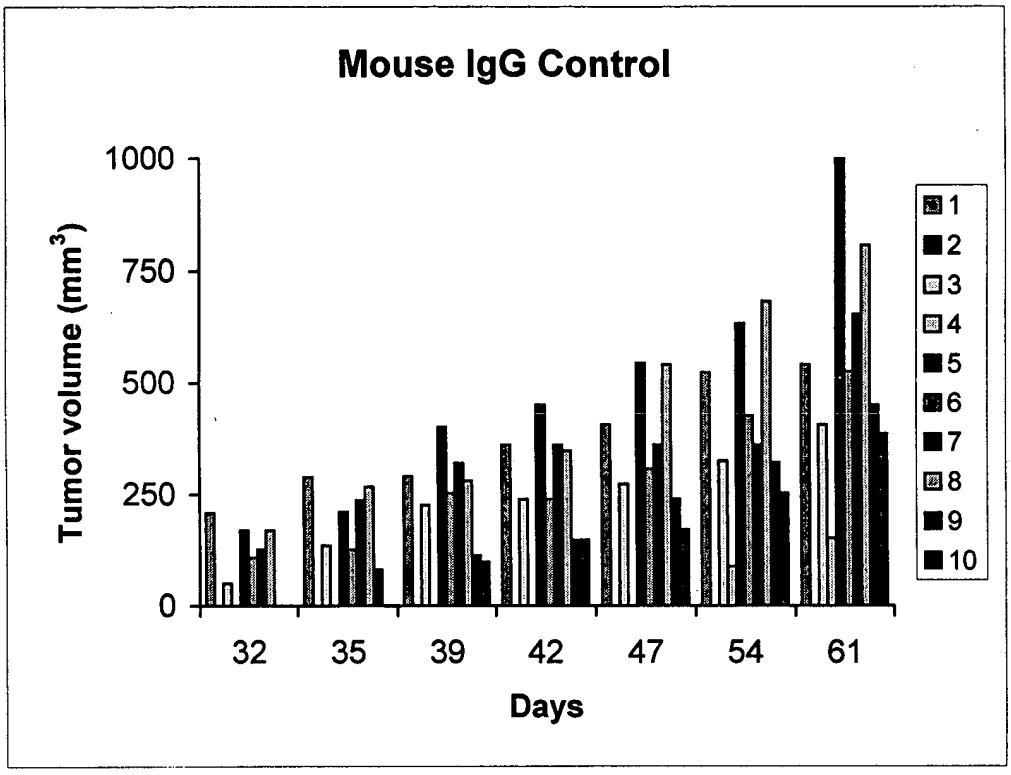
Northern Analysis



RT-PCR

FIGURE 47

FIG. 48


Mouse IgG Control
Tumor volume (mm3)
1000
750
500
250
0
32
35
39
42
47
54
61
Days
1
2
3
4
5
6
7
8
9
10

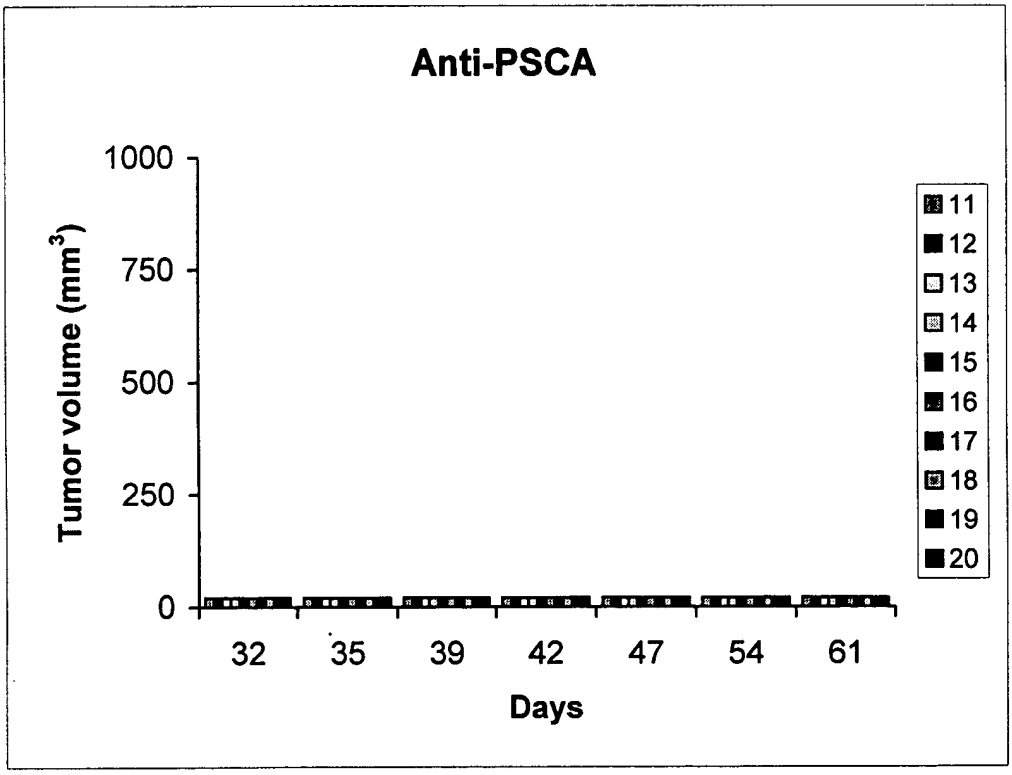

Anti-PSCA
Tumor volume (mm3)
1000
750
500
250
0
32
35
39
42
47
54
61
Days
11
12
13
14
15
16
17
18
19
20

FIG. 49

A

mAb	Isotype		Epitope recognized (OD 450 nm) F (18-98)	N (2-50)	M (46-109)	C (85-123)
1G8	IgG1	k	**1.485**	0.004	**1.273**	0.003
2A2	IgG2a	k	**0.973**	**0.631**	0.023	0.010
2H9	IgG1	k	**1.069**	**1.026**	0.002	0.001
3C5	IgG2a	k	**1.916**	**1.709**	0.006	0.002
3E6	IgG3	k	**1.609**	0.036	**1.133**	**2.118**
3G3	IgG2a	k	**2.805**	**1.731**	0.004	0.000
4A10	IgG2a	k	**1.053**	**0.493**	0.000	0.001

B

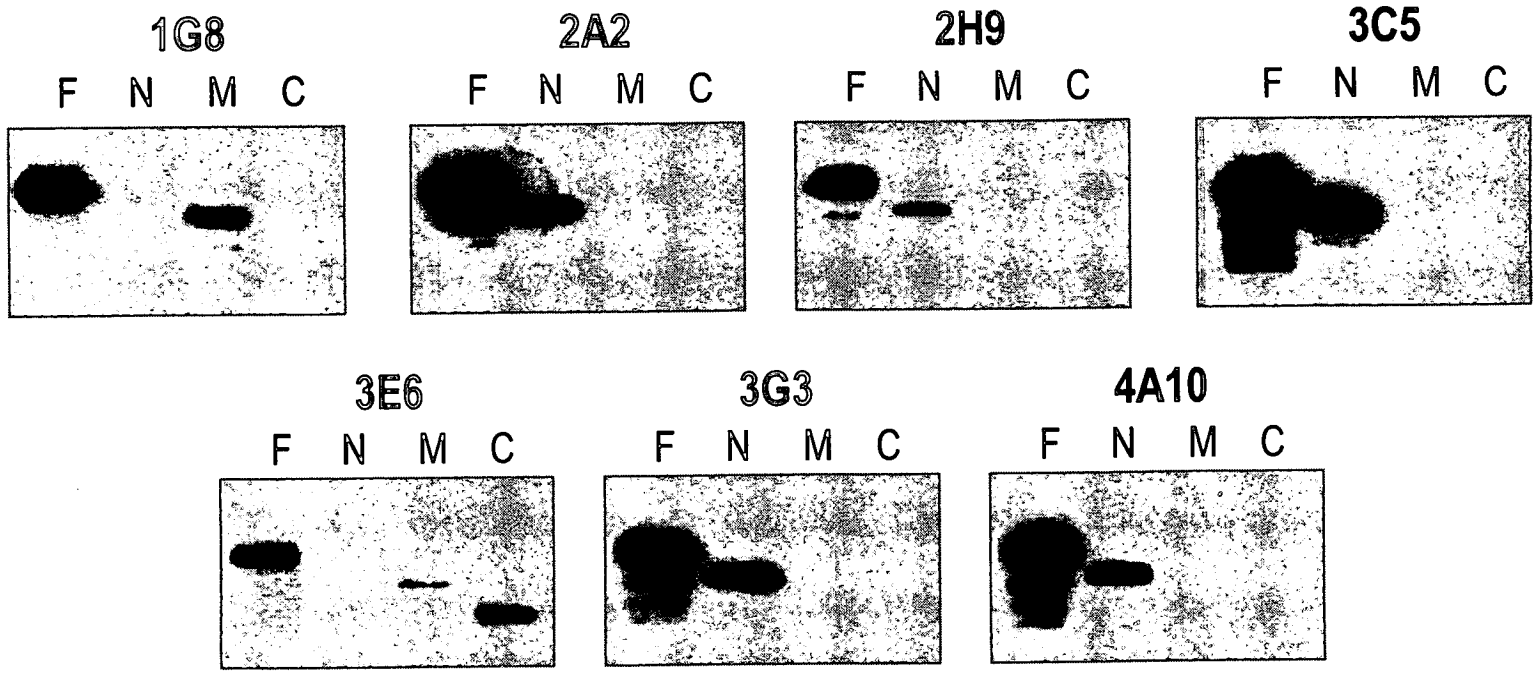
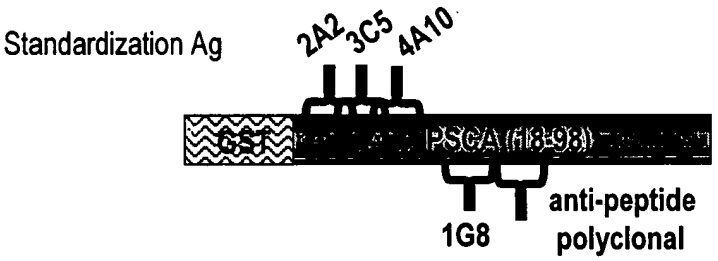


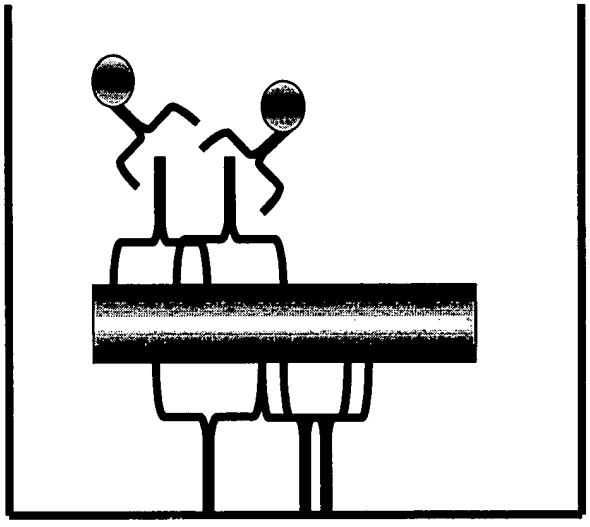
FIG. 50

A



Engineered mammalian secreted form

B



Anti-IgG2a HRP

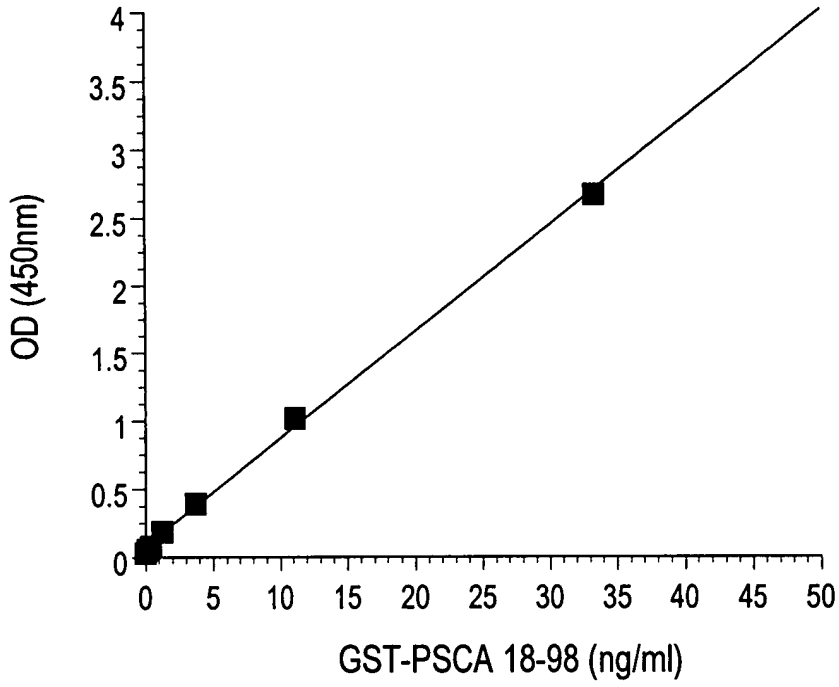
Anti-PSCA mAbs 3C5+4A10+2A2 (IgG2a)

PSCA

Affinity purified anti-peptide polyclonal
+ mAb 1G8 (IgG1)

FIG. 51

A



B

Sample	OD+range (n=2)	ng/ml
vector	0.005+0.001	ND
vector+hu serum	0.004+0.001	ND
secPSCA	2.695+0.031	32.92
secPSCA+hu serum	2.187+0.029	26.55

FIG. 52

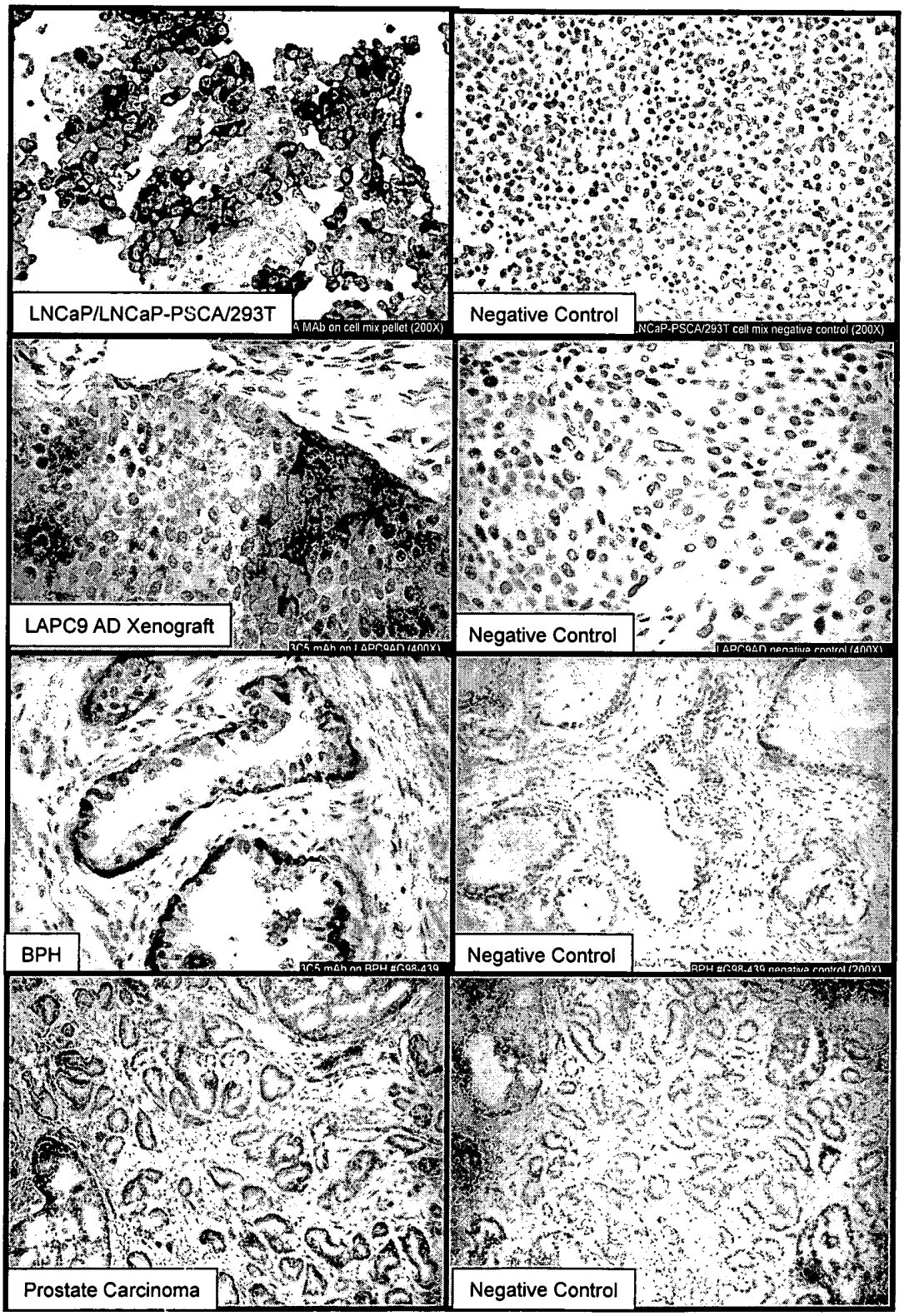
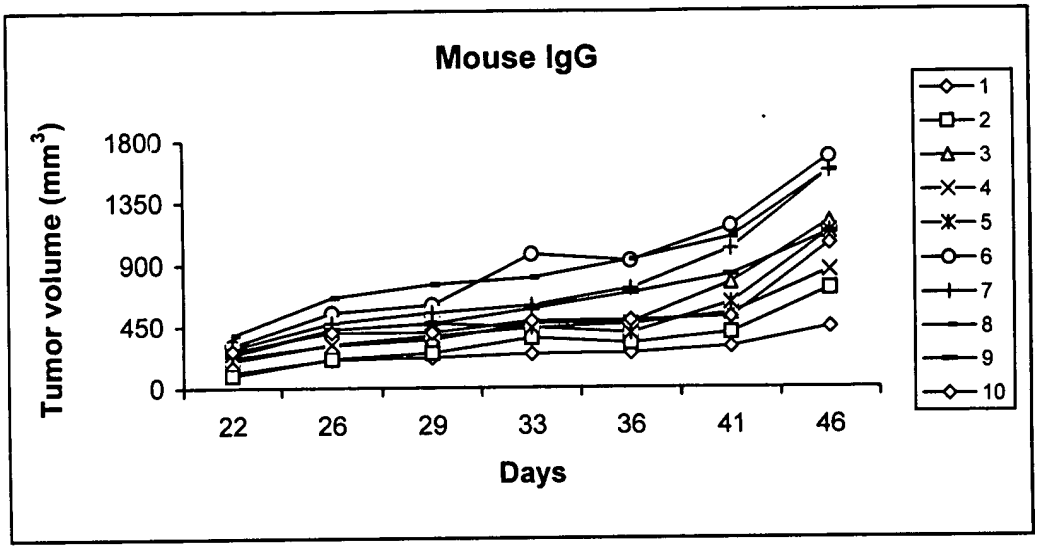
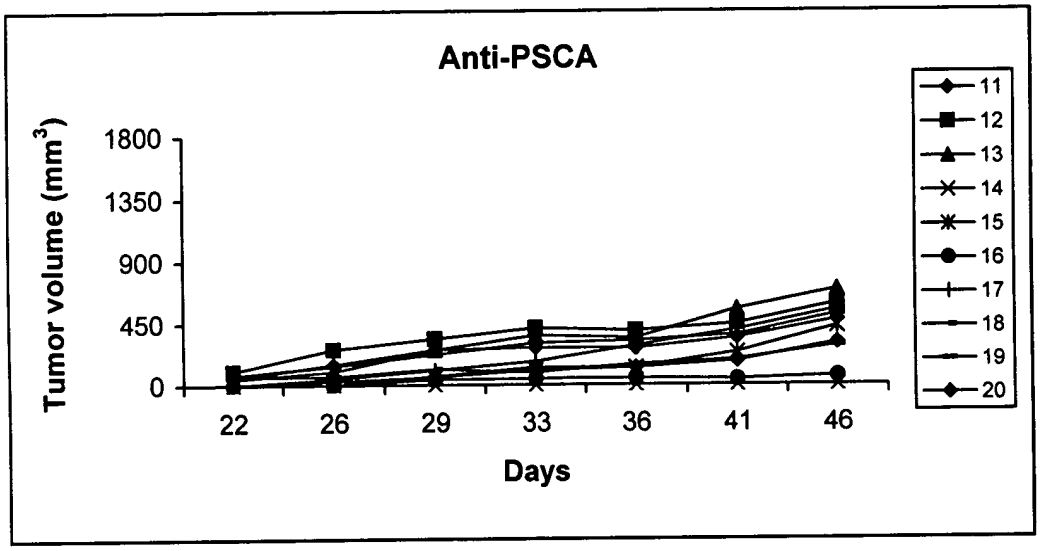

LNCaP/LNCaP-PSCA/293T
Negative Control
LAPC9 AD Xenograft
Negative Control
BPH
Negative Control
Prostate Carcinoma
Negative Control

FIG. 53


Mouse IgG
Tumor volume (mm3)
1800
1350
900
450
0
22
26
29
33
36
41
46
Days
1
2
3
4
5
6
7
8
9
10


Anti-PSCA
Tumor volume (mm3)
1800
1350
900
450
0
22
26
29
33
36
41
46
Days
11
12
13
14
15
16
17
18
19
20

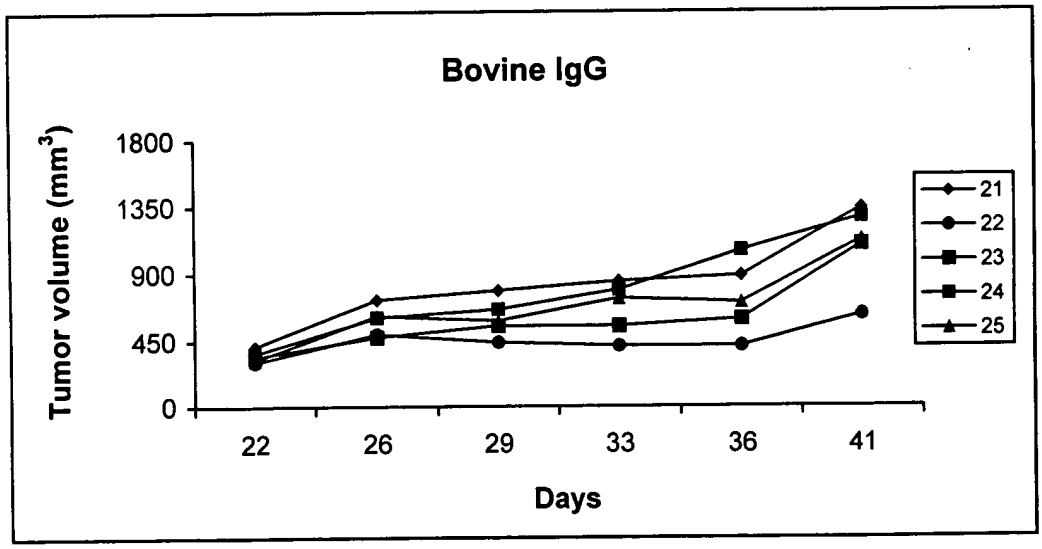
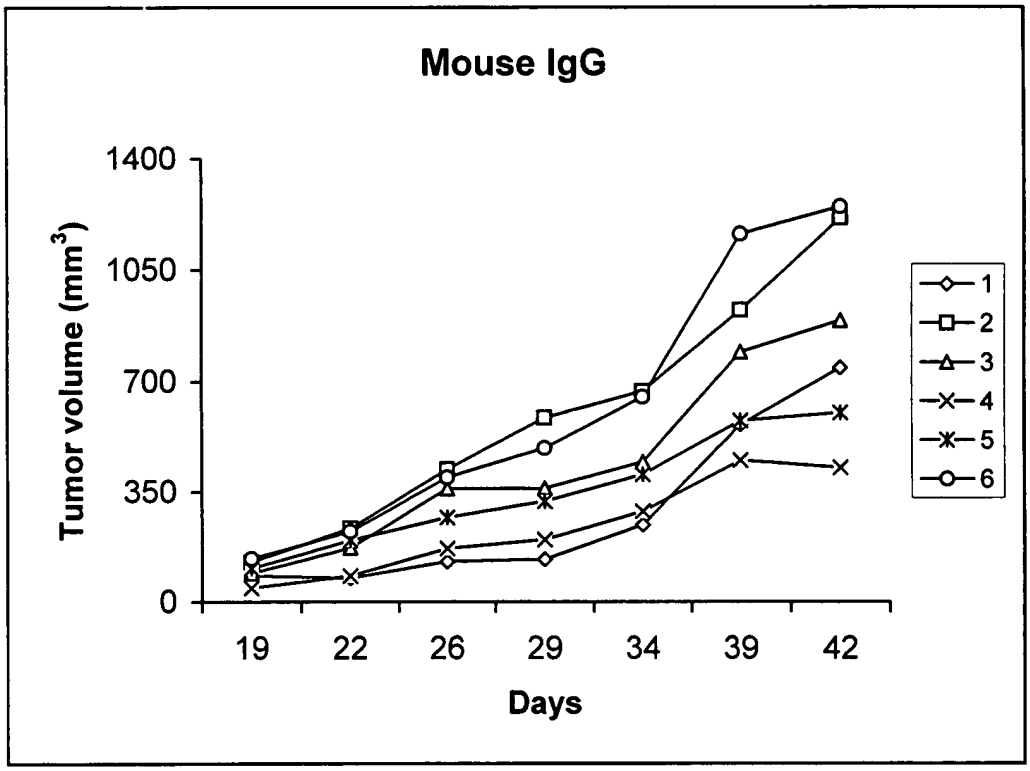

Bovine IgG
Tumor volume (mm3)
1800
1350
900
450
0
22
26
29
33
36
41
Days
21
22
23
24
25

FIG. 54


Mouse IgG
Tumor volume (mm3)
1400
1050
700
350
0
19
22
26
29
34
39
42
Days
1
2
3
4
5
6

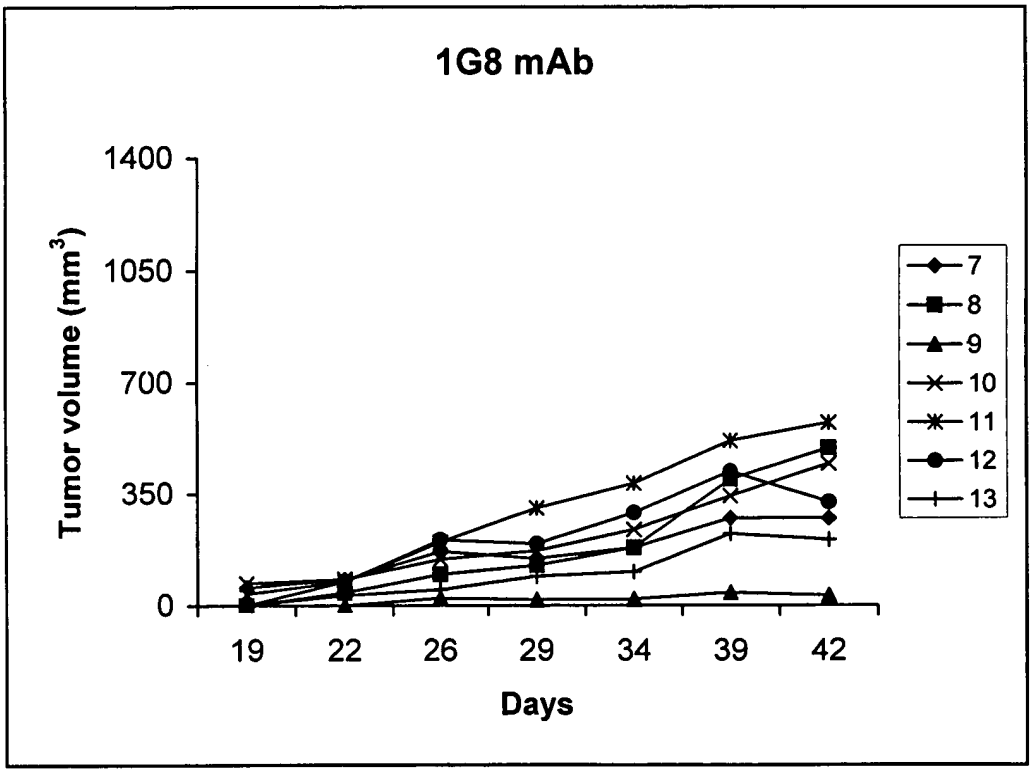
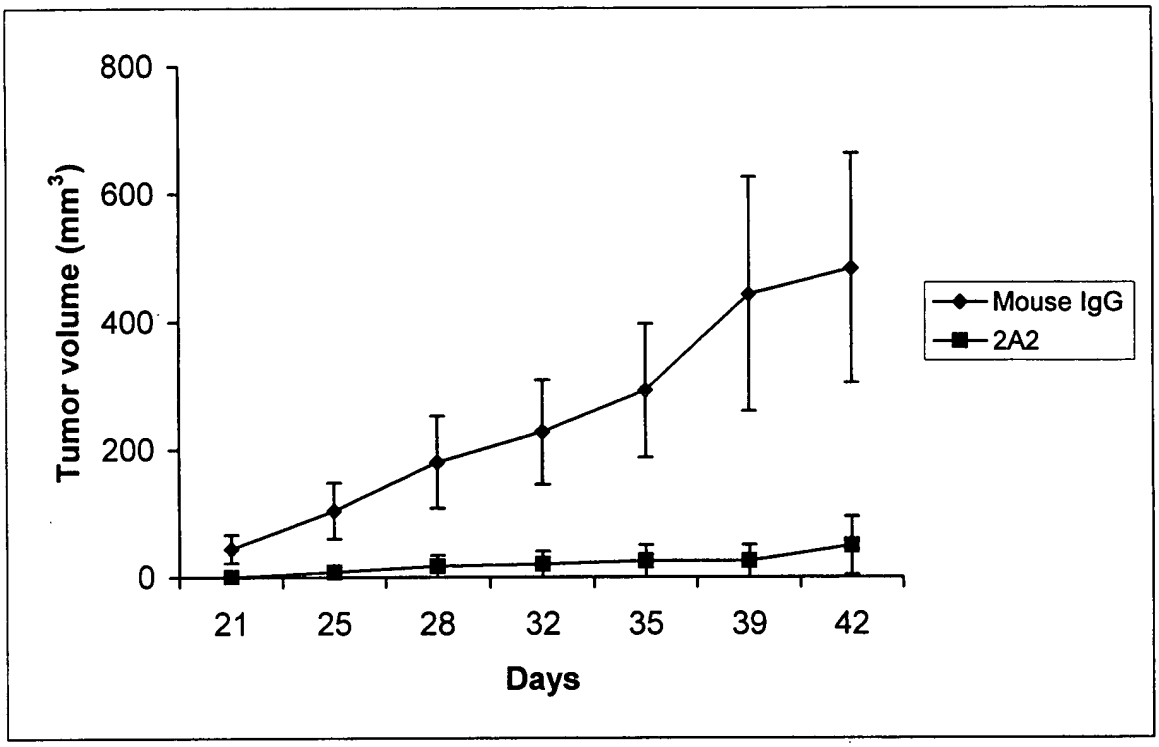

1G8 mAb
Tumor volume (mm3)
1400
1050
700
350
0
19
22
26
29
34
39
42
Days
7
8
9
10
11
12
13

FIG. 55


800
600
400
200
0
Tumor volume (mm3)
21
25
28
32
35
39
42
Days
Mouse IgG
2A2

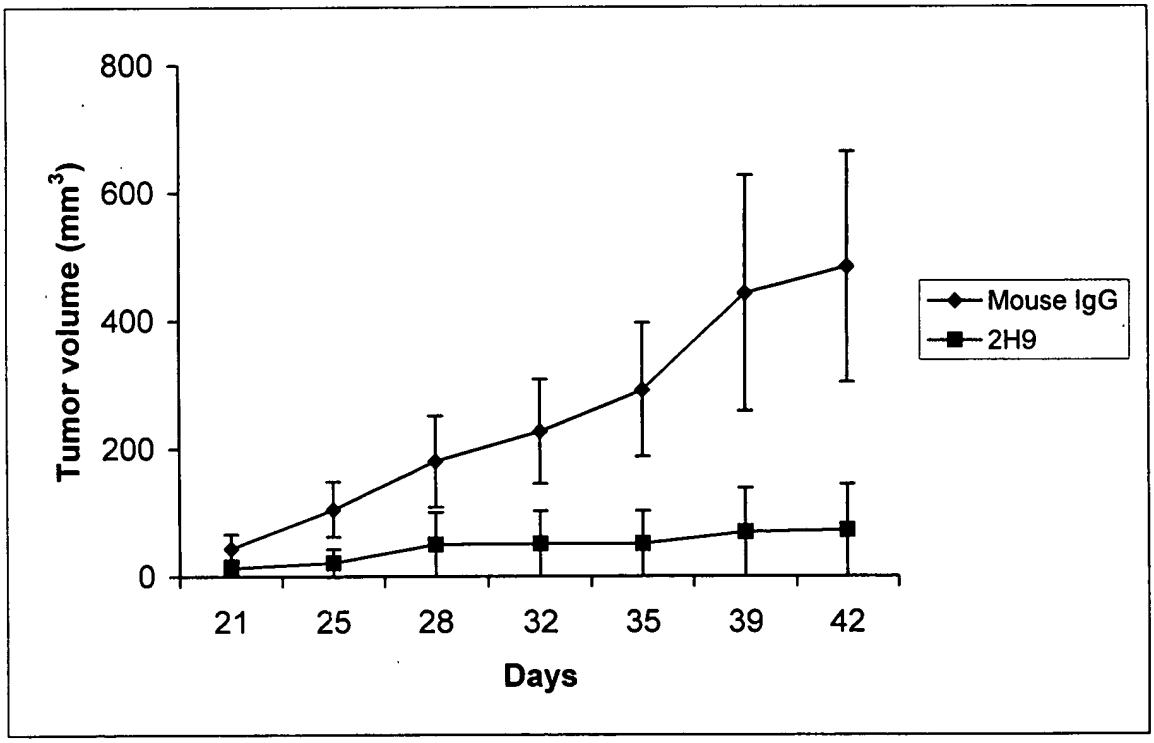
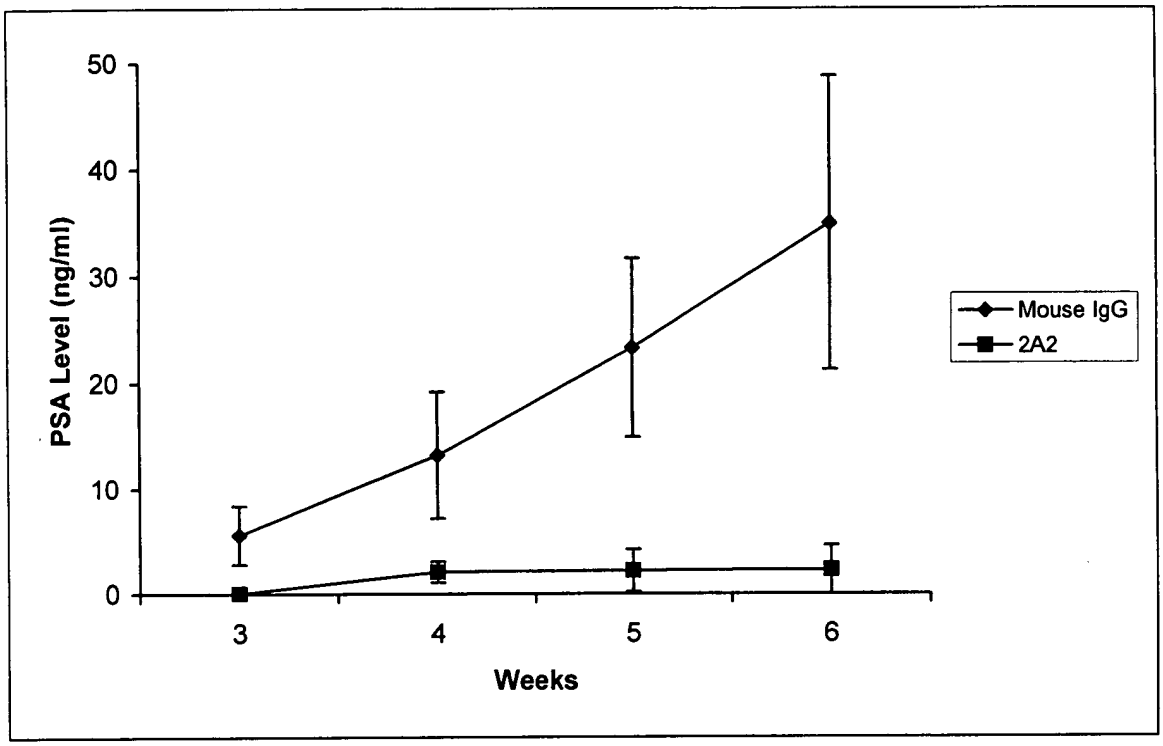

800
600
400
200
0
Tumor volume (mm3)
21
25
28
32
35
39
42
Days
Mouse IgG
2H9

FIG. 56


50
40
30
20
10
0
PSA Level (ng/ml)
3
4
5
6
Weeks
Mouse IgG
2A2

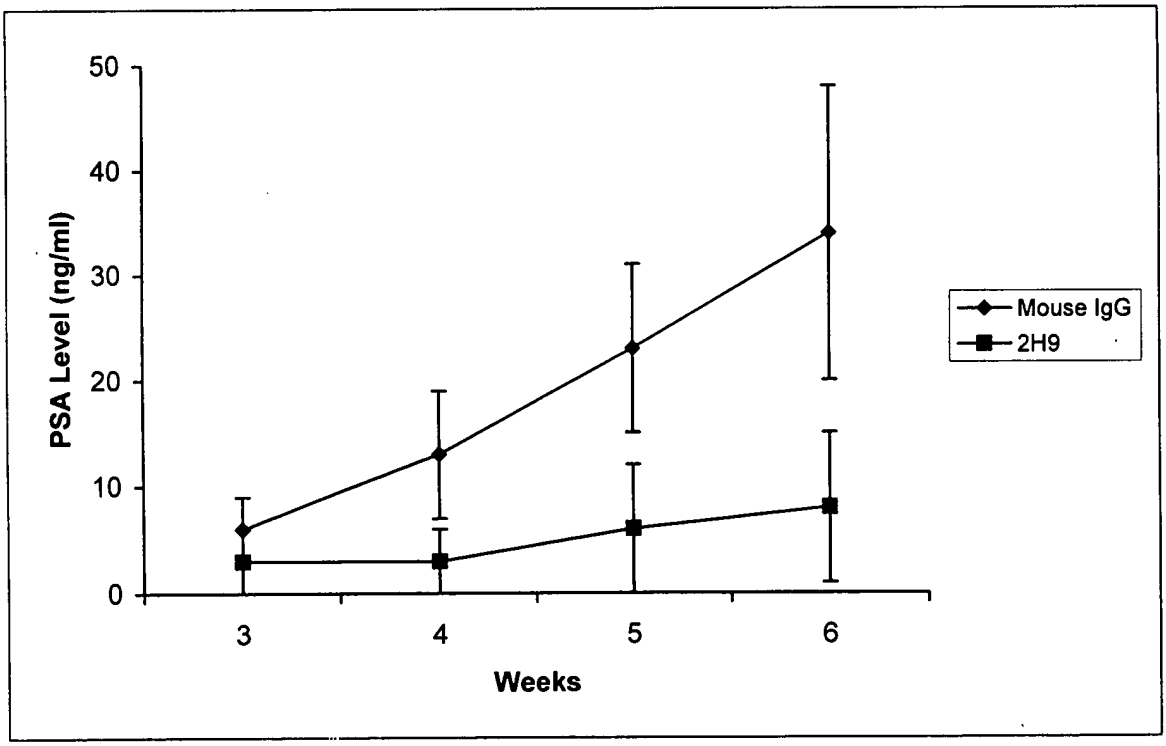

50
40
30
20
10
0
PSA Level (ng/ml)
3
4
5
6
Weeks
Mouse IgG
2H9

FIG. 57

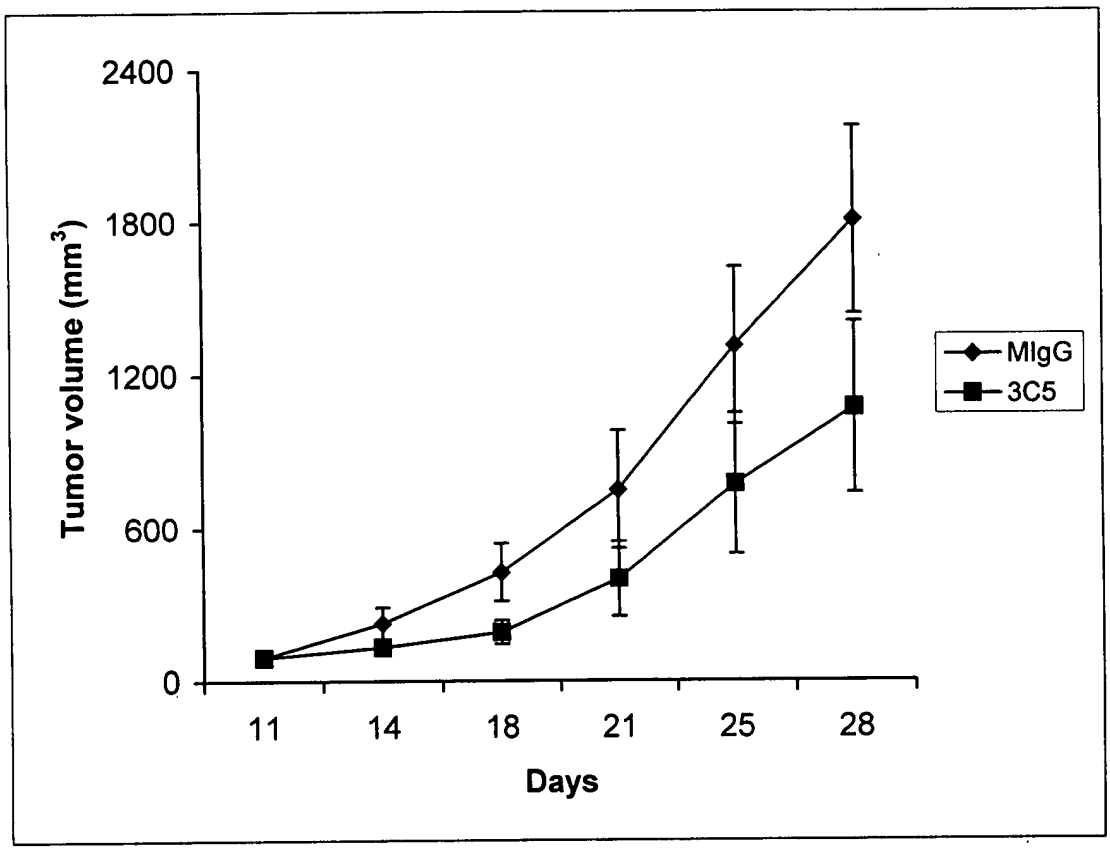

2400
1800
1200
600
0
Tumor volume (mm3)
11
14
18
21
25
28
Days
MIgG
3C5

FIG. 58

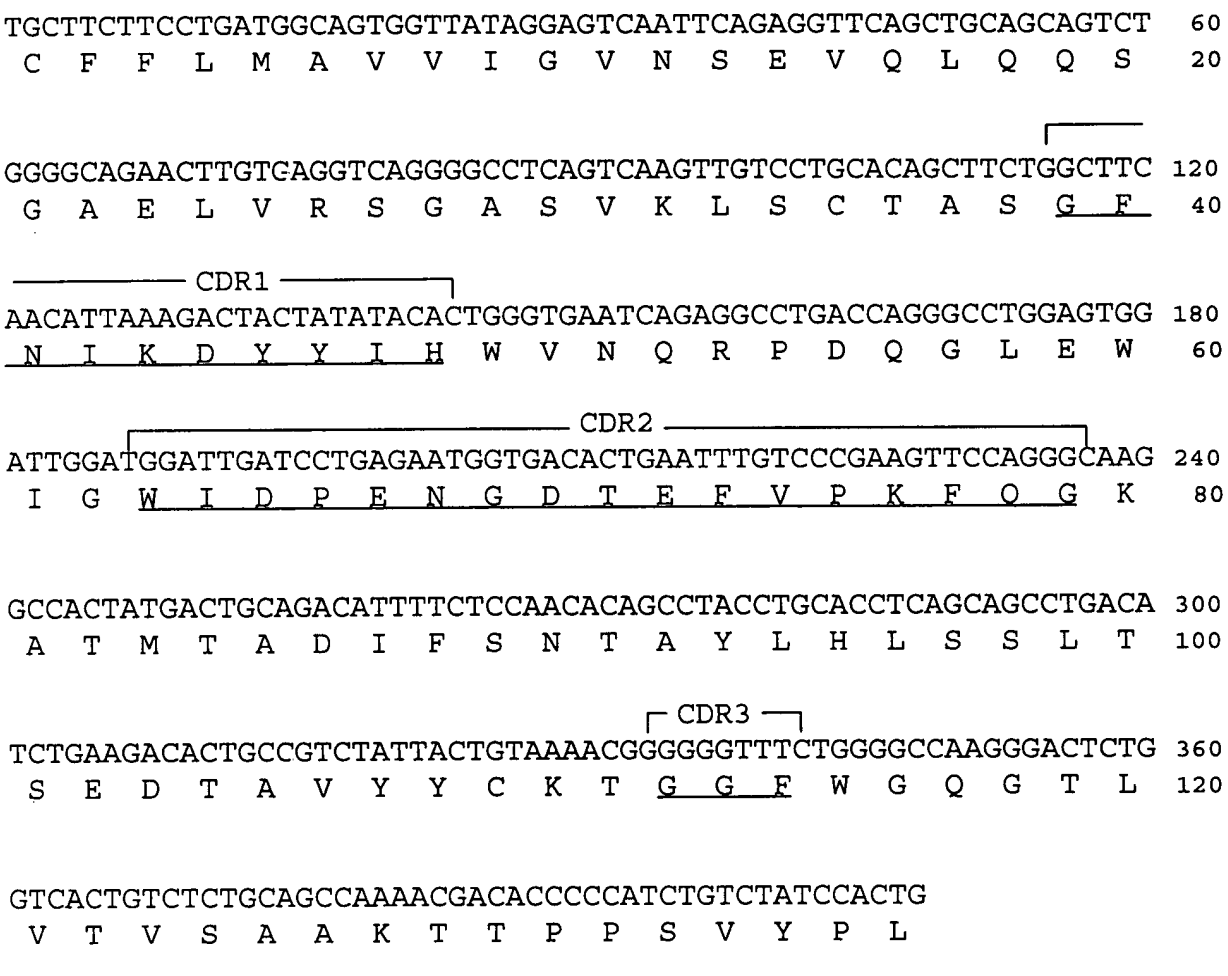

TGCTTCTTCCTGATGGCAGTGGTTATAGGAGTCAATTCAGAGGTTCAGCTGCAGCAGTCT 60
C F F L M A V V I G V N S E V Q L Q Q S 20
GGGGCAGAACTTGTGAGGTCAGGGGCCTCAGTCAAGTTGTCCTGCACAGCTTCTGGCTTC 120
G A E L V R S G A S V K L S C T A S G F 40
CDR1
AACATTAAAGACTACTATATACACTGGGTGAATCAGAGGCCTGACCAGGGCCTGGAGTGG 180
N I K D Y Y I H W V N Q R P D Q G L E W 60
CDR2
ATTGGATGGATTGATCCTGAGAATGGTGACACTGAATTTGTCCCGAAGTTCCAGGGCAAG 240
I G W I D P E N G D T E F V P K F Q G K 80
GCCACTATGACTGCAGACATTTTCTCCAACACAGCCTACCTGCACCTCAGCAGCCTGACA 300
A T M T A D I F S N T A Y L H L S S L T 100
CDR3
TCTGAAGACACTGCCGTCTATTACTGTAAAACGGGGGGTTTCTGGGGCCAAGGGACTCTG 360
S E D T A V Y Y C K T G G F W G Q G T L 120
GTCACTGTCTCTGCAGCCAAAACGACACCCCCATCTGTCTATCCACTG
V T V S A A K T T P P S V Y P L

FIG. 59

```
TTGGTAGCAACAGCCTCAGATGTCCACTCCCAGGTCCAACTGCAGCAACCTGGGTCTGAA  60
 L  V  A  T  A  S  D  V  H  S  Q  V  Q  L  Q  Q  P  G  S  E   20

CTGGTGAGGCCTGGAACTTCAGTGAAGCTGTCCTGCAAGGCTTCTGGCTATACATTCTCC 120
 L  V  R  P  G  T  S  V  K  L  S  C  K  A  S  G  Y  T  F  S   40
                                                    CDR1

AGCTACTGGATGCACTGGGTGAAGCAGAGGCCTGGACAAGGCCTTGAGTGGATTGGAAAT 180
 S  Y  W  M  H  W  V  K  Q  R  P  G  Q  G  L  E  W  I  G  N   60

ATTGACCCTGGTAGTGGTTACACTAACTACGCTGAGAACCTCAAGACCAAGGCCACACTG 240
 I  D  P  G  S  G  Y  T  N  Y  A  E  N  L  K  T  K  A  T  L   80
          CDR2

ACTGTAGACACATCCTCCAGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGAC 300
 T  V  D  T  S  S  S  T  A  Y  M  Q  L  S  S  L  T  S  E  D  100

TCTGCAGTCTATTACTGTACAAGCCGATCTACTATGATTACGACGGGATTTGCTTACTGG 360
 S  A  V  Y  Y  C  T  S  R  S  T  M  I  T  T  G  F  A  Y  W  120
                          CDR3

GGCCAAGGGACTCTGGTCACTGTCTCTGCAGCTACAACAACAGCCCCATCTGTCTATCCA 420
 G  Q  G  T  L  V  T  V  S  A  A  T  T  T  A  P  S  V  Y  P  160

CTGGCC
 L  A
```

FIG. 60

```
AATGACTTCGGGTTGAGCTGGGTTTTTATTATTGTTCTTTTAAAAGGGGTCCGGAGTGAA  60
 N  D  F  G  L  S  W  V  F  I  I  V  L  L  K  G  V  R  S  E   20

GTGAGGCTTGAGGAGTCTGGAGGAGGCTGGGTGCAACCTGGAGGATCCATGAAACTCTCC 120
 V  R  L  E  E  S  G  G  G  W  V  Q  P  G  G  S  M  K  L  S   40

TGTGTAGCCTCTGGATTTACTTTCAGTAATTACTGGATGACTTGGGTCCGCCAGTCTCCA 180
 C  V  A  S  G  F  T  F  S  N  Y  W  M  T  W  V  R  Q  S  P   60
                  CDR1

GAGAAGGGGCTTGAGTGGGTTGCTGAAATTCGATTGAGATCTGAAAATTATGCAACACAT 240
 E  K  G  L  E  W  V  A  E  I  R  L  R  S  E  N  Y  A  T  H   80
                                 CDR2

TATGCGGAGTCTGTGAAAGGGAAATTCACCATCTCAAGAGATGATTCCAGAAGTCGTCTC 300
 Y  A  E  S  V  K  G  K  F  T  I  S  R  D  D  S  R  S  R  L  100

TACCTGCAAATGAACAACTTAAGACCTGAAGACAGTGGAATTTATTACTGTACAGATGGT 360
 Y  L  Q  M  N  N  L  R  P  E  D  S  G  I  Y  Y  C  T  D  G  120

CTGGGACGACCTAACTGGGGCCAAGGGACTCTGGTCACTGTCTCTGCAGCCAAAACGACA 420
 L  G  R  P  N  W  G  Q  G  T  L  V  T  V  S  A  A  K  T  T  140
    CDR3

CCCCCATCTGTCTATCCACTGGCCCCTTGTGTA
 P  P  S  V  Y  P  L  A  P  C  V
```

FIG. 61

CDR1 Comparisons

1G8	$1gG_{1k}$	Middle	G	F	N	I	K	D	Y	Y	I	H
2H9	$1gG_{1k}$	N-Term.	G	F	T	F	S	N	Y	W	M	T
4A10	$1gG_{2ak}$	N-Term.	G	Y	T	F	S	S	Y	W	M	H

CDR2 Comparisons

1G8	$1gG_{1k}$	W	I	D	P	E	N	G	D	T	E	F	V	P	K	F	Q	G
2H9	$1gG_{1k}$	E	I	R	L	R	S	E	N	Y	A	T	H	Y	A	E	S	V	K	G
4A10	$1gG_{2ak}$	N	I	D	P	G	S	G	Y	T	N			Y	A	E	N	L	K	T

CDR3 Comparisons

1G8	$1gG_{1k}$	G	G	F								
2H9	$1gG_{1k}$	L	G	R	P	N						
4A10	$1gG_{2ak}$	R	S	T	M	I	T	T	G	F	A	Y

FIG. 62

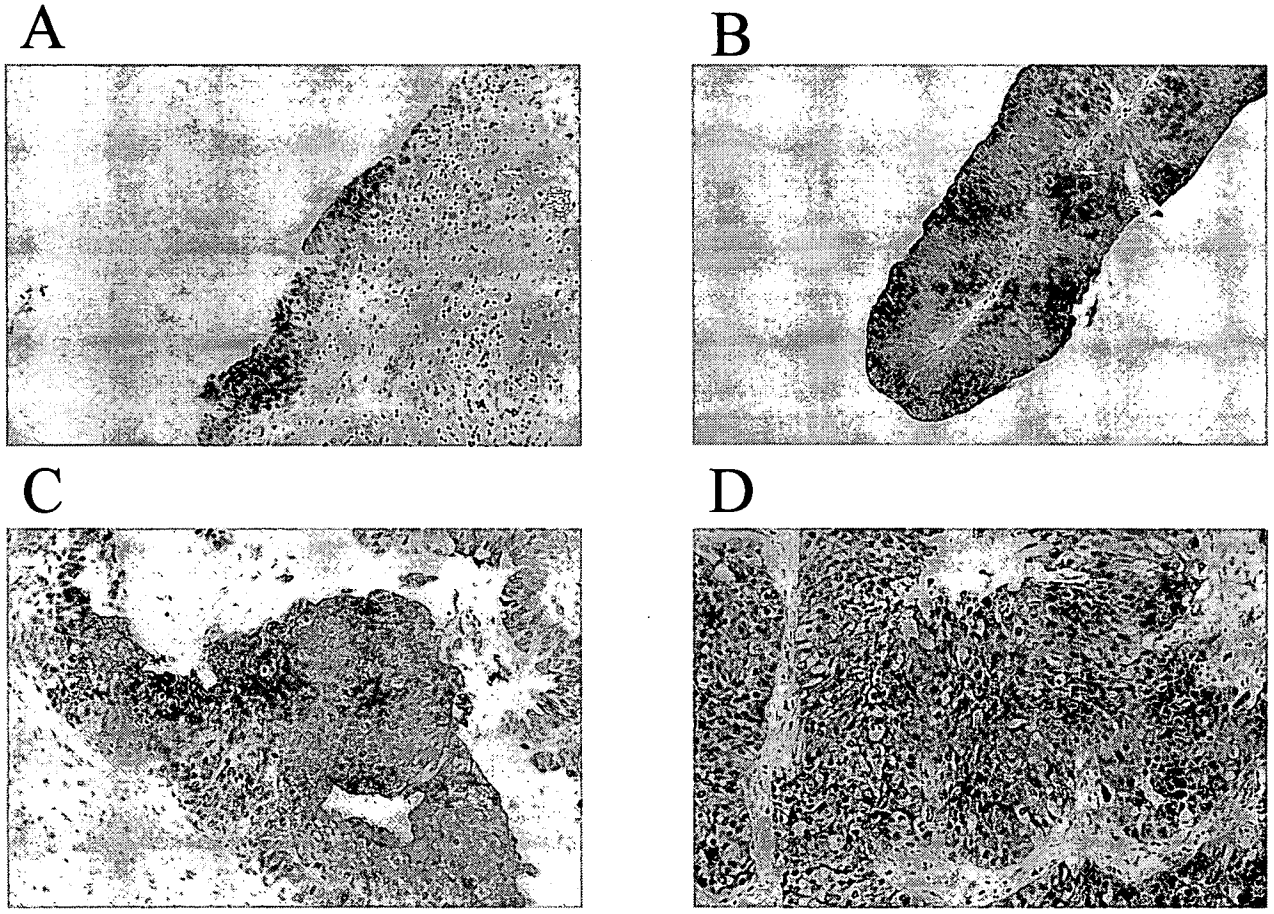
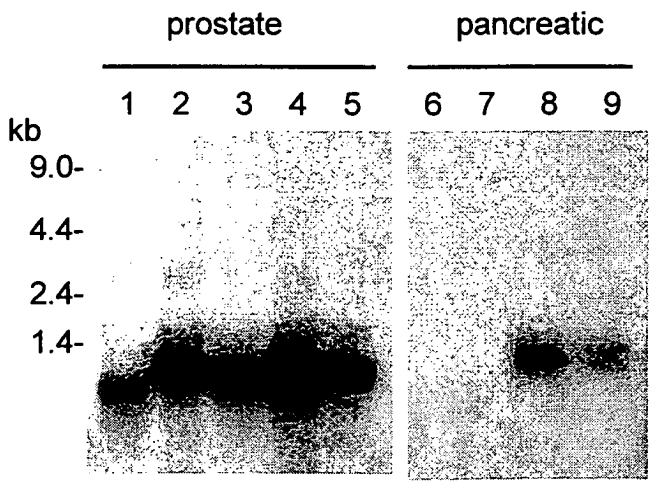
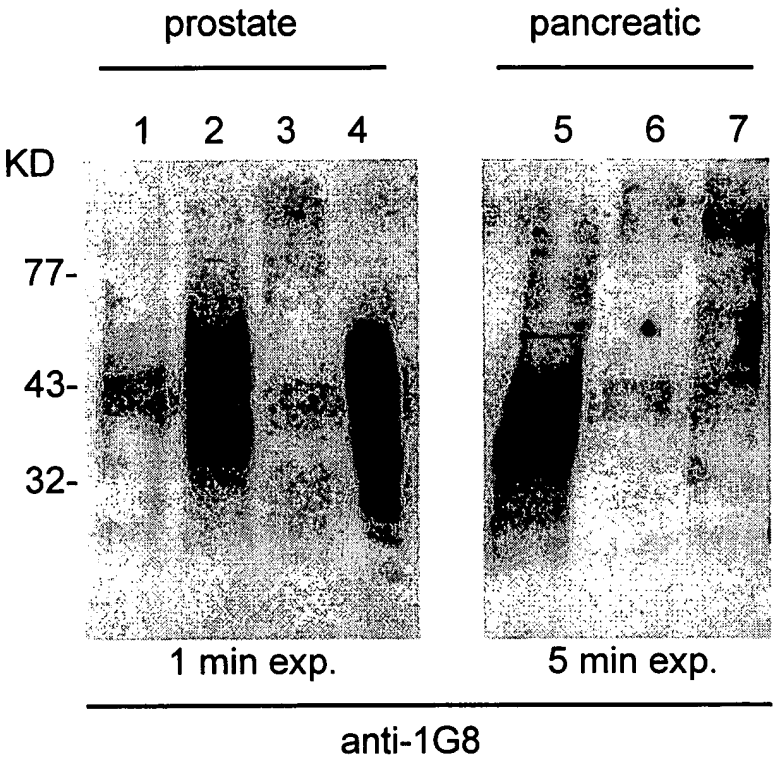


FIG. 63



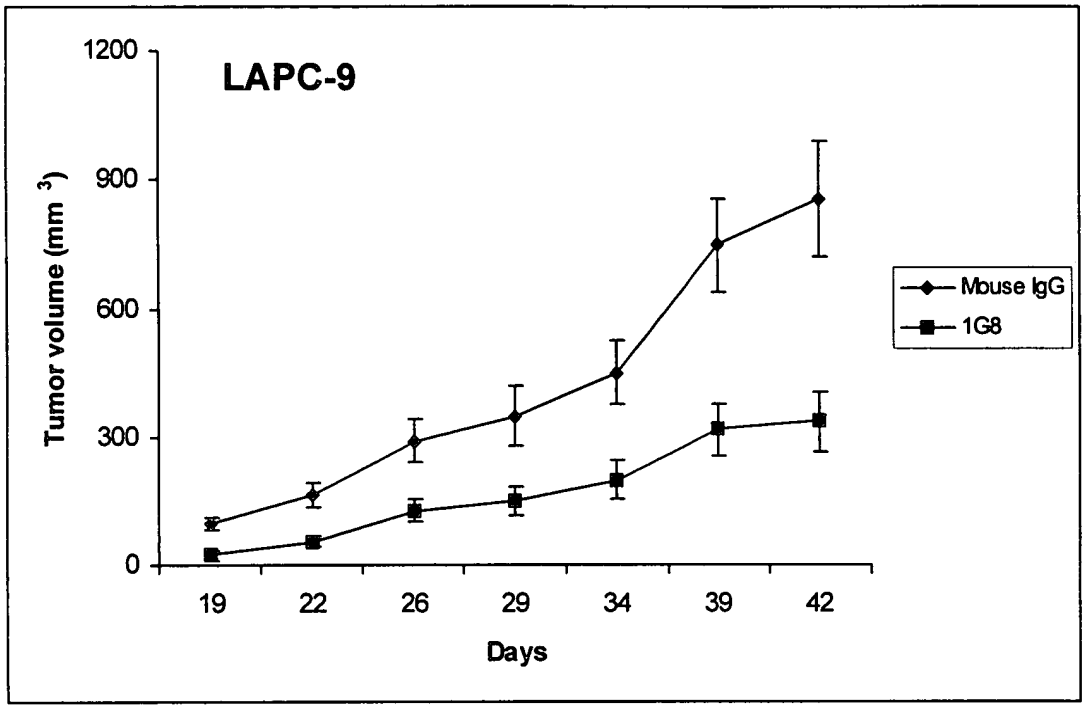
1. Prostate
2. LAPC-4 AD
3. LAPC-4 AI
4. LAPC-9 AD
5. LAPC-9 AI
6. PANC-1
7. BxPC-3
8. HPAC
9. Capan-1

FIG. 64



1. LAPC-4 AD
2. LAPC-9 AI
3. LNCaP
4. LNCaP-PSCA

5. HPAC
6. Capan-1
7. ASPC-1


LAPC-9
Tumor volume (mm 3)
1200
900
600
300
0
19
22
26
29
34
39
42
Days
Mouse IgG
1G8

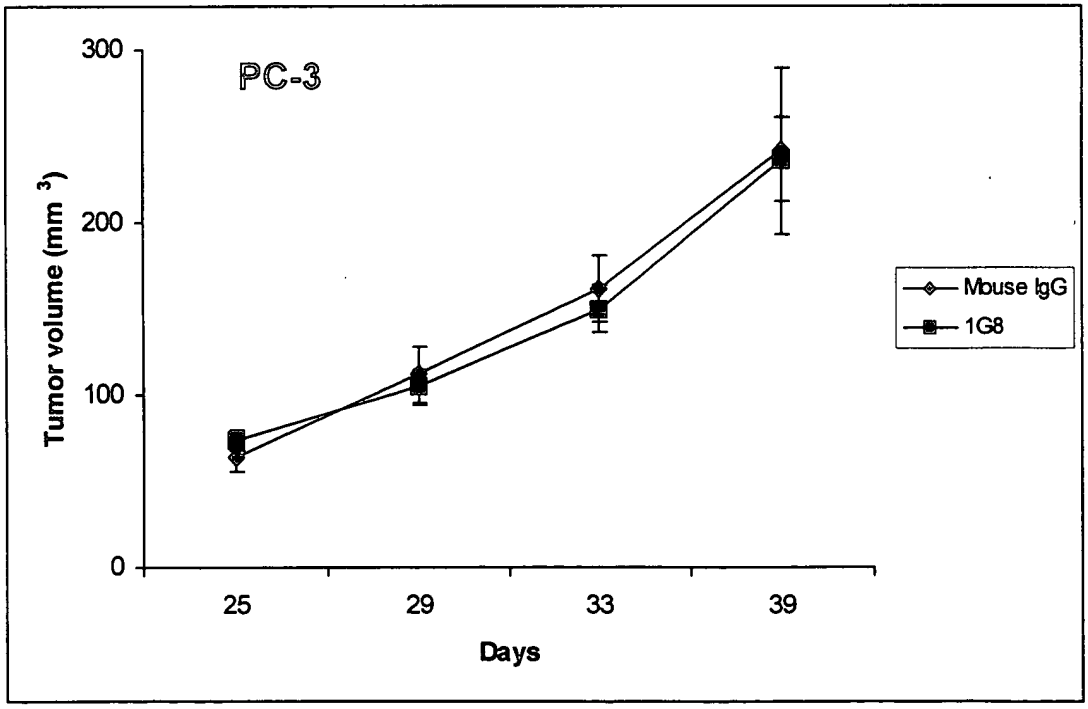

PC-3
Tumor volume (mm 3)
300
200
100
0
25
29
33
39
Days
Mouse IgG
1G8

FIGURE 65